STANLEY

CATALOG No. 34

TOOLS

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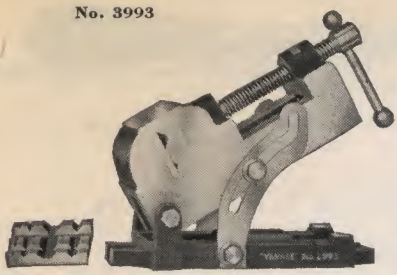
"YANKEE" TOOLS

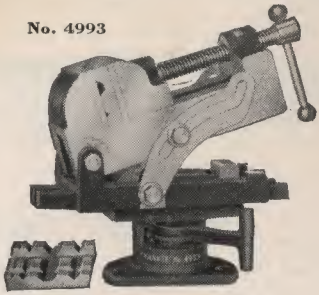
Reg. U. S. Pat. Off.

MAKE GOOD MECHANICS *BETTER*

No. 3993



No. 4993



NEW! "YANKEE" ANGLE VISES

with or without swivel base

Strong, serviceable Angle Vises that are particularly well suited to machine shop practice due to their unique design and construction features. They are ideal for set-up work where the job demands speed and accuracy, and for drilling, milling, sawing, grinding and filing the work at difficult angles. Recommended for use in machine shops, experimental work, garages, home workshops, tool rooms, vocational schools, etc.

"Yankee" method of angle adjustment does not interfere with full capacity of jaw opening. Jaws have hardened steel face plates for long wear. Swivel base is securely locked in any position by simple movement of lever—won't loosen in use. With Nos. 4992 and 4993, the Vise can be removed from swivel base by simply loosening one set screw in a matter of seconds, and work held in Vise isn't disturbed. Grooved V block for holding rounds furnished with each Vise.

Jaws Open	Width Jaws	Length	No. (Without Base)	Each	No. (With Swivel Base)	Each
1 15/16 in.	2 in.	6½ in.	**3992**	**$11.60**	**4992**	**$15.60**
3 in.	2¾ in.	9¼ in.	**3993**	**18.20**	**4993**	**22.60**

(For Other "Yankee" Vises, see page J)

. . . now part of STANLEY®

THE TOOL BOX OF THE WORLD

No. 130A.—Standard—Quick Return Spring in Handle

No. 30A. Spiral Ratchet—Standard

"YANKEE" Spiral Ratchet Screw Drivers

The Choice of Skilled Mechanics

"Yankee" Spiral Drivers *turn* while you *push*. For half a century, that labor-saving fact has made "Yankee" Spiral Ratchet Screw Drivers the pride of every mechanic who wants action for his effort. As you push the handle, the ingenious double-spiral grooves in the shaft make the blade revolve and the screw is driven smoothly and powerfully home. Then, with a flick of the ratchet, the same power and smoothness are at your command to remove a screw. Or, another touch on the ratchet and you have a firmly locked, rigid screw driver for any use you wish to make of it.

The advantages of "Yankee" Spirals include greater simplicity, compactness, strength, durability and ease of operation. Their ratchet mechanism is designed for severe service conditions. They are ideal for the assembly line, and, of course, first choice with discriminating mechanics in all fields.

No. 130A, shown on this page, has the latest improved feature available in "Yankee" Spiral Drivers—a "quick-return" spring, which causes the handle to come back automatically after each stroke of the driver. With this feature, it is a particularly useful tool to drive screws in deep, narrow or awkward places—or overhead, where operator's left hand cannot conveniently hold chuck.

No. 135. For Small Screws
Quick Return

No. 131A.
Heavy Duty—Quick Return

No. 133H. "Yankee-Handyman"
Quick Return

No. 233H. "Yankee-Handyman"
Transparent Handle
Quick Return

"Yankee" Spiral Ratchet Screw Drivers

Strong, easy-to-use Drivers with right and left-hand adjustments. They drive and draw screws or can be set rigid as an ordinary screw driver. The movement is changed instantly by a simple shifter. Spindle can be locked closed. Nos. 130A, 131A, 135, 133H and 233H are the "quick-return" type, with a spring in the handle. The spring pressure keeps blade in screw slot and pushes handle back after each stroke. Standard style also available in same 3 sizes does not have spring in handle.

"Yankee" Spiral Ratchet Screw Drivers are recommended for assembly work of all kinds. Three bits of different widths and thicknesses are furnished with each "Yankee" Spiral Ratchet Driver except Nos. 133H and 233H Handyman. Accessories for use with these tools are shown on the next two pages.

Standard

No.	Length with Bit Extended	Length with Bit Closed	Each
30A	18¼ in.	13 in.	**$5.10**
130A Quick Return	20 in.	14¾ in.	**5.60**

Heavy Pattern

Heavy duty tools for larger screws.

No.	Length with Bit Extended	Length with Bit Closed	Each
31A	25 in.	16¾ in.	**$6.50**
131A Quick Return	28 in.	19⅜ in.	**7.20**

Light Pattern

Especially suited for driving small screws. Knob handle.

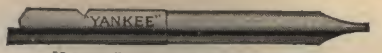
No.	Length with Bit Extended	Length with Bit Closed	Each
135 Quick Return	13½ in.	10¼ in.	**$4.95**

"Yankee-Handyman"

These Spiral Screw Drivers have been developed expressly for household purposes and are general utility tools. With the accessories available (as shown on next two pages), they can be used for boring holes, countersinking them, as well as for driving and drawing screws. No. 133H comes equipped with one ¼" screw driver bit. No. 233H is the same construction as No. 133H but has a transparent magazine handle and is furnished with ¼" and 5/32" screw driver bits, 5/64"H, 7/64"H and 9/64"H drill points. Both are "quick-return" type.

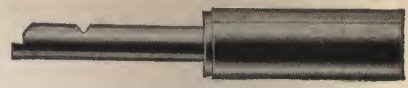
No.	Length with Bit Extended	Each
133H Quick Return	9⅝ in.	**$2.55**
233H Quick Return	10 in.	**3.85**

Standard Screw Driver Bit



Heavy Duty Screw Driver Bit

Phillips Screw Driver Bit



Bit with Centering Sleeve

Accessories for "Yankee" Spiral Screw Drivers

Accessories for "Yankee" Spiral Screw Drivers are available as listed below. When ordering accessories for your "Yankee" Screw Driver, mention number of the tool. Order from your Dealer.

Standard Screw Driver Bits

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3011	7/32 in.	.030 in.	3 7/8 in.	**$0.30**
3012	1/4 in.	.035 in.	3 7/8 in.	**.30**
3013	9/32 in.	.040 in.	3 7/8 in.	**.30**
3010	Set of three		Per Set	**.90**

For Nos. 31A, 131A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3111	1/4 in.	.035 in.	3 7/8 in.	**$0.30**
3112	9/32 in.	.040 in.	3 7/8 in.	**.30**
3113	5/16 in.	.040 in.	3 7/8 in.	**.30**
3110	Set of three		Per Set	**.90**

For Nos. 35, 135

No.	Width Tip	Thickness at Tip	Length Overall	Each
3511	5/32 in.	.020 in.	3 in.	**$0.30**
3512	3/16 in.	.025 in.	3 in.	**.30**
3513	7/32 in.	.030 in.	3 in.	**.30**
3510	Set of three		Per Set	**.90**

For Nos. 33H, 133H, 233H

No.	Width Tip	Each
331	5/32 in.	**$0.17**
332	1/4 in.	**.17**

Bits for Phillips Recessed Head Screws

For Nos. 30A, 130A; For Nos. 31A, 131A

No.	No.	Point Size	Each
301	**311**	1	**$0.50**
302	**312**	2	**.50**
303	**313**	3	**.50**
	314	4	**.50**

For Nos. 35, 135, 33H, 133H, 233H

No.	Point Size	Each
351	1	**$0.50**
352	2	**.50**

Heavy Duty Screw Driver Bits

Especially adapted for self-tapping sheet metal screws.

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3041	.218 in.	.025 in.	3 in.	**$0.55**
3042	.250 in.	.032 in.	3 in.	**.55**
3043	.281 in.	.040 in.	3 in.	**.55**

For Nos. 31A, 131A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3141	.250 in.	.040 in.	3 in.	**$0.55**
3142	.281 in.	.048 in.	3 in.	**.55**
3143	.312 in.	.060 in.	3 in.	**.55**

For Nos. 35, 135, 33H, 133H, 233H

No.	Width Tip	Thickness at Tip	Length Overall	Each
3541	.156 in.	.025 in.	2 1/2 in.	**$0.55**

Heavy Duty Screw Driver Bits with Centering Sleeves

For Nos. 30A, 130A

No.	Width Tip	Thickness at Tip	Length Overall	Each
3051	.218 in.	.030 in.	2 13/16 in.	**$1.00**
3053	.281 in.	.035 in.	3 13/32 in.	**1.00**

For Nos. 31A, 131A

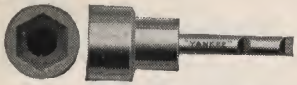
No.	Width Tip	Thickness at Tip	Length Overall	Each
3152	.281 in.	.035 in.	3 13/32 in.	**$1.00**
3153	.312 in.	.042 in.	3 1/2 in.	**1.00**

For Nos. 35, 135, 33H, 133H, 233H

No.	Width Tip	Thickness at Tip	Length Overall	Each
3551	.156 in.	.023 in.	2 9/16 in.	**$1.00**

Chuck and Drill Points

Combination Sockets



Heavy Duty Sockets

Countersink

"Yankee-Handyman" Accessory Pak

Accessories for "Yankee" Spiral Screw Drivers

Chuck and Drill Set

With these attachments you can use your "Yankee" Spiral Driver to drill holes in wood. Drill point fits into chuck and the two together are then placed in chuck of spiral driver in the same manner as a regular bit.

For medium and heavy "Yankee" Spirals, the eight sizes of drill points are furnished: for lighter drivers Nos. 35 and 135, only the three smallest drill points are supplied with the extra chuck.

No.	For Drivers	No. Pts. with Chuck	Size Range In.	Per Set
399	30A, 130A	8	1/16 to 11/64	$1.30
319	31A, 131A	8	1/16 to 11/64	1.30
359	35, 135	3	1/16 to 3/32	.65

"Yankee" Handyman Drill Point Set

No.	No. Pts.	Size	Set
333H	3	5/64"H, 7/64"H, 9/64"H	$0.55

No chuck adapter required for "Handyman" Drill Points. For 33H, 133H, 233H screw drivers.

Countersinks

For reaming holes for heads of Screws. High quality steel for hard and soft woods.

No.	For Drivers	Each
3030	30A, 130A	$0.45
3130	31A, 131A	.45
3530	35, 135	.35
	33H, 133H, 233H	.35

Accessory Pak

For "Yankee-Handyman" Drivers Nos. 33H, 133H, 233H. Contains three drill points 5/64"H, 7/64"H and 9/64"H sizes, countersink and 5/32" Screw Driver Bit. Packed on a card.

No. **330H** Per Set $1.00

Combination Sockets for Stove Bolts and Hex Nuts

For Nos. 30A, 130A

No.	Size In.	Each	No.	Size In.	Each
3071	1/4	$0.60	3074	3/8	$0.70
3072	5/16	.60	3075	7/16	.70
3073	11/32	.70	3076	1/2	.80

For. Nos. 31A, 131A

No.	Size In.	Each	No.	Size In.	Each
3171	1/4	$0.60	3175	7/16	$0.70
3172	5/16	.60	3176	1/2	.80
3173	11/32	.70	3177	9/16	.80
3174	3/8	.70	3178	5/8	.80

For Nos. 35, 135, 33H, 133H, 233H

No.	Size In.	Each
3571	1/4	$0.60
3572	5/16	.60
3573	11/32	.70

Heavy Duty Sockets For Hex Nuts, Sheet Metal Screws

For Nos. 30A, 130A

No.	Size In.	Each	No.	Size In.	Each
3061	1/4	$0.80	3065	3/8	$0.90
3062	.290	.80	3066	.377	.90
3063	5/16	.80	3067	7/16	.90
3064	11/32	.90	3068	1/2	1.00

For Nos. 31A, 131A

No.	Size In.	Each	No.	Size In.	Each
3161	1/4	$0.80	3166	7/16	$0.90
3162	5/16	.80	3167	1/2	1.00
3163	11/32	.90	3168	9/16	1.00
3164	3/8	.90	3169	5/8	1.00
3165	.377	.90			

For Nos. 35, 135, 33H, 133H, 233H

No.	Size In.	Each
3561	9/16	$0.80
3562	1/4	.80
3563	5/16	.80

No. 10A

No. 15

No. 12

"Yankee" Ratchet Screw Drivers

Right, Left Hand and Rigid

"Yankee" Ratchet Screw Drivers are of the highest quality throughout. Their time and labor saving features make them good tools for industry as well as for individual users in all fields.

Blades are of special alloy steel, properly hardened, tempered and polished. Ratchet mechanism is sensitive, yet of durable construction.

No. 10A—Standard Blade and Tip

Ratchet adjustment is made by shifter which moves parallel to blade. For driving screws, shifter is moved toward blade; for withdrawing, shifter is moved toward handle.

No.	Blade	Diameter Bar	Length Overall	Each
10A	3 in.	¼ in.	7⅝ in.	**$1.25**
	4 in.	¼ in.	8⅝ in.	**1.30**
	5 in.	¼ in.	9½ in.	**1.40**
	6 in.	5/16 in.	11⅛ in.	**1.45**
	8 in.	5/16 in.	13½ in.	**1.50**

No. 15—Cabinet Style

Narrow blade—diameter 3/16 in. Small handle. Especially well suited for driving small screws on radios, electric appliances, cars, etc. Knurled washer can be turned with forefinger or thumb to save time starting screws. Ratchet shifter operates same as No. 10A.

No.	Blade	Diameter Bar	Length Overall	Each
15	2 in.	3/16 in.	4⅝ in.	**$1.20**
	3 in.	3/16 in.	5⅞ in.	**1.25**
	4 in.	3/16 in.	6½ in.	**1.30**
	5 in.	3/16 in.	7¾ in.	**1.40**
	6 in.	3/16 in.	8¾ in.	**1.45**
	8 in.	3/16 in.	10⅞ in.	**1.50**

No. 12—Stubby Driver

Sturdy screw driver for gunsmiths, electricians, and others who require a strong screw driver with a short blade. Ratchet shifter moves across, rather than parallel to blade length.

No.	Blade	Bar	Overall	Each
12	1 in.	5/16 in.	5½ in.	**$1.70**

No. 90. Standard Blade and Tip

No. 902. Heavy Duty—Phillips

No. 95. Cabinet Blade and Tip

No. 942. Standard Duty—Phillips

No. 92. Standard Blade and Tip
Composition Handle

"Yankee" Screw Drivers
Rigid Type

These Drivers are made of the best materials available, so that they will stand up under severe use. Blades are special analysis alloy steel, carefully hardened and tempered. Blades are securely fastened in selected hardwood handles with black finish, except No. 92, which has high grade composition handle. 18, 24 and 30 inch sizes No. 90 have double grip handle.

Standard Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
90	1½ in.	7/32 in.	4¼ in.	**$0.60**
	2 in.	7/32 in.	5¾ in.	**.60**
	3 in.	7/32 in.	7½ in.	**.65**
	4 in.	¼ in.	9¼ in.	**.70**
	5 in.	5/16 in.	10½ in.	**.75**
	6 in.	5/16 in.	11¾ in.	**.80**
	8 in.	⅜ in.	14 in.	**1.05**
	10 in.	7/16 in.	16⅜ in.	**1.25**
	12 in.	7/16 in.	18¼ in.	**1.45**
	15 in.	7/16 in.	21⅜ in.	**2.05**
	18 in.	½ in.	26¾ in.	**2.55**

Cabinet Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
95	1½ in.	3/16 in.	4⅛ in.	**$0.55**
	2½ in.	3/16 in.	6¼ in.	**.60**
	3½ in.	3/16 in.	7¼ in.	**.60**
	4½ in.	3/16 in.	8¼ in.	**.65**
	5½ in.	3/16 in.	9¼ in.	**.70**
	6½ in.	3/16 in.	10¼ in.	**.75**
	8½ in.	7/32 in.	13 in.	**.90**
	10½ in.	7/32 in.	15 in.	**1.05**
	12½ in.	7/32 in.	17 in.	**1.15**
	15½ in.	7/32 in.	20 in.	**1.35**

Composition Handles
Standard Blade and Tip

No.	Size	Blade Diameter	Length Overall	Each
92	1½ in.	5/16 in.	3 7/16 in.	**$0.70**
	4 in.	¼ in.	7⅝ in.	**.75**
	6 in.	5/16 in.	9⅞ in.	**1.00**
	8 in.	⅜ in.	12 7/16 in.	**1.35**

For Phillips Head Screws
Heavy Duty

No.	Point Size	Fits Phillips Screws	Overall Length	Each
901	1	No. 4 and smaller	6⅞ in.	**$0.65**
902	2	Nos. 5 to 9 inclusive	9¼ in.	**.70**
903	3	Nos. 10 to 16 inclus.	11⅜ in.	**.80**
904	4	No. 18 and larger	13⅞ in.	**1.05**

Standard Duty

No.	Point Size	Fits Phillips Screws	Overall Length	Each
941	1	No. 4 and smaller	6¾ in.	**$0.46**
942	2	Nos. 5 to 9 inclusive	9 in.	**.46**
943	3	Nos. 10 to16 inclus.	11½ in.	**.53**
944	4	No. 18 and larger	14¼ in.	**.80**

No. 1431A

No. 1446

No. 1455

"Yankee" Hand and Breast Drills

These high quality "Yankee" Drills are favorites with mechanics in all fields. They are ideal Drills for all users who do not require a Drill with various ratchet adjustments. Knurled chucks have a "bulldog" grip that holds drills tight. All have sturdy, solid gears and pinions with machine cut teeth. Handles and knobs are hardwood.

The two-speed drills are equipped with a convenient shifter located on main frame between pinion gears. This allows for quick change from fast to slow speeds. With shifter in center, gears are locked so that chuck can be readily opened or closed.

Hand Drills

Single Speed—9/32 Inch Capacity

Three-jaw chuck takes round shank drills up to 9/32 inch. Handle, 3½ inches long, is solid polished hardwood.

No.		Each
1431A	9⅜ in. long	**$5.00**

Two Speeds—⅜ Inch Capacity

Three-jaw chuck takes round shank drills up to ⅜ inch. Frame is malleable iron, finished black. Drill is adjustable for fast and slow speeds. Hollow hardwood handle is detachable at milled nut, providing a magazine for drills.

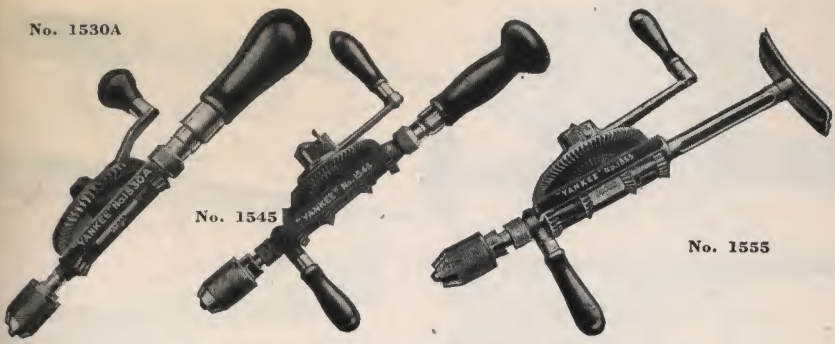
No.		Each
1446	14½ in. long	**$10.80**

Breast Drills

Two Speeds—½ Inch Capacity

Equipped with malleable iron frames, finished black. Adjustable roller bearing at chuck end of spindle. Breast plate is adjustable and has polished face. Crank and side handle are hardwood. Side handle, 4 inches long, is detachable and has a screw driver bit. No. 1455 has a three-jaw chuck for round shank drills. No. 455A has a two-jaw chuck for either round or square shank drills.

No.		Each
1455	16½ in. long	**$12.05**
455A	17 in. long	**12.05**



"Yankee" Ratchet Hand and Breast Drills

These "Yankee" Drills are known everywhere for their ingenious features. They perform efficiently for regular drilling as well as in those hard-to-get-at corners where other drills cannot be used.

Five different spindle movements are instantly available: plain drive, right-hand ratchet, left-hand ratchet, continuous ratchet, spindle locked for opening chuck. Moving shifter from one notch to another makes ratchet adjustments. With shifter in the continuous ratchet notch, the drill cuts continuously on both the forward and backward movements of crank. Even where there is only an inch or so in which to move the crank, the drill may be operated.

On the two-speed Drills, changes of speed are made by shifting the lever at hub of crank. You can shift from high speed to low, or the reverse at any time. in any part of a revolution, or in any of the ratchet movements, without removing drill from work.

Gear and pinion teeth are machine cut.

Single Speed—9/32 Inch Capacity

Compact, convenient size Drill—only 10½ inches long and it weighs only 1¼ pounds. A popular choice of mechanics and home craftsmen. Single speed with three-jaw chuck for round shank drills up to 9/32 inch. Hardwood handle is detachable at milled nut, with deep drill magazine inside.

No.		Each
1530A	10½ in. long	**$7.70**

Two Speeds—⅜ Inch Capacity

Two-speed Ratchet Drills with capacity up to ⅜ inch. Frame is malleable iron. Steel spindle with adjustable ball bearing. Hardwood handle is detachable at milled nut with deep drill magazine inside. Side handle is removable and has screw driver bit. No. 1545 has three-jaw chuck for round shank drills.

No.		Each
1545	16 in. long	**$16.10**

Breast Drills

Heavy duty, two speed Breast Drill with a strong malleable iron frame, black finish. Breast plate is adjustable and has a polished face. Removable side handle has screw driver bit. Steel spindle has adjustable ball bearing.

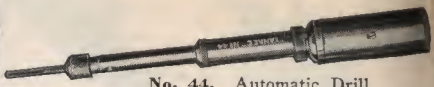
Two Speeds—½ Inch Capacity

No. 1555 is furnished with three-jaw chuck for round shank drills. No. 555A has two-jaw chuck that will take either round or square shank drills.

No.		Each
1555	17 in. long	**$20.20**
555A	18 in. long	**20.20**

No. 2100. Bit Brace

No. 41. Automatic Drill



No. 44. Automatic Drill

No. 2150. Bit Extension

"Yankee" Ratchet Bit Braces

Highest quality Braces for all users who want a deluxe, durable tool. Ratchet action works easily and quietly. Ratchet shifter is positive in action, and will not move when Brace is in use. Quick-centering, ball-bearing chuck holds round, square or taper shanks up to ½ in. diameter. Handles are of hard rubber, and are practically unbreakable. Patented sweep handle eliminates excessive play or binding. No. 2100 has chromium plated metal parts. No. 2101 has a less expensive finish, but otherwise is the same as No. 2100.

Sweep	No. 2100	No. 2101
8 in.	**$12.30**	**$11.35**
10 in.	**12.50**	**11.50**
12 in.	**12.85**	**11.85**
14 in.	**13.40**	**12.40**

"Yankee" Bit Extensions

In a "Yankee" Bit Extension there are no jaws to break or get out of order. Chuck is constructed to accommodate a large range of Auger Bits and hold them securely. Square shank is held firmly by inner socket. A special "Yankee" feature prevents jamming of bit in socket. Taper end of shank is accurately machined to fit securely in Brace. Bits will not loosen and come out while in use. Will follow 11/16 in. bit or larger.

No.		Each		Each
2150	15 in.	**$3.80**	21 in.	**$4.20**
	18 in.	**4.00**	24 in.	**4.40**

"Yankee" Automatic Drills

Home owners and mechanics find these "Yankee" Drills just right for boring pilot holes for screws, brads, nails, etc. They drill holes in hard or soft wood and will not splinter. The drill point is revolved by pushing on handle, while a spring forces the handle back in position for next stroke. Both types have magazines in the handle to hold the eight drill points, 1/16 to 11/64 in., furnished with each tool.

No. 41 has improved "Yankee" chuck that holds drill point so it cannot be pulled out when tool is in use. All metal parts chromium plated. Overall length with drill point in chuck 11¼ in.

$4.60 Each

No. 44 also has improved "Yankee" Chuck and has adjustable spring tension. Adjustment is made by turning cap on top of drill to right or left. All exposed metal parts chromium plated. Overall length with drill point 11¼ in.

$6.00 Each

Extra Drill Points

Sold in sets of eight, 1/16 to 11/64 inch, in wooden box, or available in straight sizes one dozen to the box.

No.	Diam. (in.)	Each	No.	Diam. (in.)	Each
1	1/16	**$0.15**	5	1/8	**$0.15**
2	5/64	.15	6	9/64	.15
3	3/32	.15	7	5/32	.15
4	7/64	.15	8	11/64	.15

No. 9 Set of 8 Drill Points	Per Set	**$1.15**
Dozen Drill Points, one size	Per Dozen	**$1.50**

No. 993. Without Swivel Base

No. 1993. With Swivel Base

No. 2993. Vise Clamp

No. 990. Utility Vise with Swivel Jaw

"Yankee" Vises
With or Without Swivel Base

All-around utility Vises for mechanics, schools and home craftsmen. "Yankee" Vises without bases can be used on the work bench, drill press and on other machines. With swivel bases, they can be used on bench work, and Vise can be quickly detached for use on drill press, milling machine, etc. This is an exclusive "Yankee" feature and a great convenience where work must be held for continuous machine and hand operations. They can be readily converted into jigs. All sizes are accurately milled so that they can be used on either side or front end, as well as base. A hardened steel block with V-shaped grooves is provided for holding round stock.

Jaws Open	Width Jaws	Length	No. (Without Base)	Each	No. (With Swivel Base)	Each
1½ in.	1½ in.	3⅝ in.	**991**	**$7.05**	**1991**	**$9.75**
1 15/16 in.	2 in.	4⅞ in.	**992**	**7.90**	**1992**	**11.90**
3⅛ in.	2¾ in.	7¼ in.	**993**	**12.85**	**1993**	**17.25**
4 in.	4 in.	10½ in.	**994**	**25.50**	**1994**	**34.70**

"Yankee" Vise Clamps

Useful accessory for owners of "Yankee" Vises. Hold work rigidly for drilling and other machining operations. Can be applied to the face plate of drill press. Long slotted hole in base allows clamp to be swung to various positions for drilling, tapping, filing, etc.

No.		Each
2992	For Vises Nos. 992 and 1992	**$3.20**
2993	For Vises Nos. 993 and 1993	**3.90**

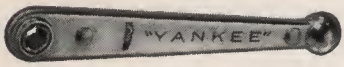
"Yankee" Vise with Swivel Jaw

Can be fastened to bench with "C" clamps or screws. Used for drill press work and other machining operations. V-groove in front jaw holds round work rigid and parallel. Removable swivel jaw holds tapered stock or irregular shapes firmly. Bottom and sides accurately machined. Swivel base or vise clamp not available for this vise.

No.	Jaws Open	Width Jaws	Length	Each
990	3 in.	2⅜ in.	6¾ in.	**$7.10**

No. 3400. For Slotted Screws

No. 3423. For Phillips Screws with No. 2 and 3 Point Bits



No. 3600. Ratchet Handles

No. 3600-9. "Yankee" Offset Driver Kit

"Yankee" Offset Ratchet Screw Drivers

Vest-pocket tools with the power of an ordinary eight-inch screwdriver. They need only an inch or so of clearance. Blades and adapters made of special alloy steel, properly hardened and tempered. Handles are nickel plated.

No. 3400

Excellent tool for shop or home. For close quarter work. Seats a No. 14 Screw with ease. Furnished with two blades in head—¼ in. x .035 in. and ⅜ in. x .045 in. 3⅞ in. long.

$0.85 Each

No. 3800

Same style as No. 3400 but of heavier construction. Two screw driver blades: ⅜ in. x .045 and 7/16 in. x .060 in. 4¾ in. long. **$1.10** Each

No. 3423

Equipped with No. 2 and No. 3 point Phillips Bits to drive a broad range of Phillips Screws and Bolts. Otherwise same style as No. 3400. 3⅞ in. long.

$1.10 Each

No. 3412

Same as No. 3423 but equipped with Nos. 1 and 2 point Phillips Bits.

$1.10 Each

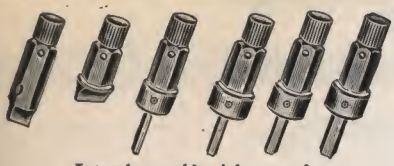
Offset Ratchet Handles

Handles only, available for use with interchangeable adapters to drive slotted screws, hollow screws and Phillips Recessed Head Screws.

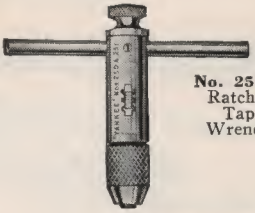
No.		Each
3600	3⅞ in. long	**$0.90**

No. 3600–9 Kit

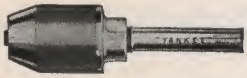
Handy pocket kit for the mechanic who needs a screw driver to fit various sizes of hollow head set screws and cap screws. Kit is made of red and transparent plastic with pockets to hold adapters. Contains No. 3600 handle and one each Hex Keys for hollow screws: Nos. 3611, 3612, 3613, 3614, 3615, 3616, 3617, 3618. **$3.90** Each



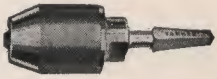
Interchangeable Adapters for "Yankee" Offset Handles



No. 250A. Ratchet Tap Wrench



Chuck with Straight Shank



Chuck with Bit Brace Shank

Adapters for No. 3600

No.	Type	Each
3601	Screw Driver, 1/4" x .035"	**$0.30**
3602	Screw Driver, 13/32" x .045	**.30**
3611	5/64" Hex Key for hollow screws	**.30**
3612	3/32" Hex Key for hollow screws	**.30**
3613	1/8" Hex Key for hollow screws	**.30**
3614	5/32" Hex Key for hollow screws	**.30**
3615	3/16" Hex Key for hollow screws	**.30**
3616	7/32" Hex Key for hollow screws	**.30**
3617	1/4" Hex Key for hollow screws	**.30**
3618	5/16" Hex Key for hollow screws	**.30**
3631	Phillips No. 1 point bit	**.30**
3632	Phillips No. 2 point bit	**.30**
3633	Phillips No. 3 point bit	**.30**
3634	Phillips No. 4 point bit	**.30**

"Yankee" Tap Wrenches

Ingenious tools for hand tapping. Designed with the following features: (1) Small knurled knob on top for starting the tap or backing out; (2) Crossbar handle is held in most convenient position by friction; (3) Famous "Yankee" ratchet enables user to work in tight places—a slight back and forth movement of the crossbar is enough to make the tap cut.

No.	Tap Capacity	Overall Length	Each
250A	3/16 in.	3 1/4 in.	**$3.60**
251A	5/16 in.	4 3/16 in.	**4.00**
1251A	5/16 in.	13 in.	**5.50**

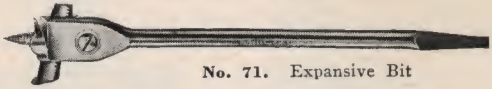
"Yankee" Drill Chucks

Simple in construction—accurate and efficient in use. They are of the same high quality as the chucks furnished on "Yankee" Hand and Breast Drills. Made of special steel, polished and chromium plated. Straight shanks are accurately turned to 1/2 inch diameter. Bit Brace Shanks are square taper milled to fit Braces, two-jaw Breast Drills and other tools.

No.	Chuck Capacity	Outside Diameter	Length	Each
		Straight Shank		
1593	1/4 in.	1 in.	4 1/2 i	**$3.15**
1594	3/8 in.	1 3/8 in.	5 i	**3.70**
1595	1/2 in.	1 1/2 in.	5 3/8 i	**4.20**
		Bit Brace Shank		
1593-BB	1/4 in.	1 in.	4 i	**3.15**
1594-BB	3/8 in.	1 3/8 in.	4 3/8 i	**3.70**
1595-BB	1/2 in.	1 1/2 in.	4 3/4 i	**4.20**

Russell Jennings

No. 100. Auger Bit



No. 71. Expansive Bit

No. 101. Auger Bit

Russell Jennings Auger Bits

The genuine Russell Jennings pattern, Extension Lip Auger Bits are made of special analysis steel, forged carefully. Extension lip and spur on each bit are hand filed to a sharp but durable edge. Correct body taper prevents binding. Accurately centered screw with properly tapered threads draws bit rapidly without forcing. Each individual bit is tested by boring into a block of tough hickory before packing.

No. 100 Auger Bits have a double thread on the screw and are recommended for boring in soft wood. No. 101 Bits have a coarse single thread for fast boring in gummy or extremely hard wood.

Size	No. 100	No. 101	Size	No. 100	No. 101
3/16 in.	$1.15	....	14/16 in.	$1.80	$1.80
4/16 in.	1.15	1.15	15/16 in.	1.90	1.90
5/16 in.	1.15	1.15	16/16 in.	1.95	1.95
6/16 in.	1.20	1.20	17/16 in.	2.30	....
7/16 in.	1.25	1.25	18/16 in.	2.45	2.45
8/16 in.	1.30	1.30	20/16 in.	2.75	2.75
9/16 in.	1.35	1.35	22/16 in.	3.15	....
10/16 in.	1.45	1.45	24/16 in.	3.45	3.45
11/16 in.	1.55	1.55	28/16 in.	4.45	....
12/16 in.	1.60	1.60	30/16 in.	5.15	....
13/16 in.	1.65	1.65	32/16 in.	5.75	....

Russell Jennings Bits in Wood Boxes

Set of thirteen No. 100 or No. 101 Auger Bits, one each 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15 and 16/16 in. sizes, packed in three-section hardwood box.

No. **32½** Quarters **$23.00** Per Set.
(specify No. 100 or No. 101 Bits)

Russell Jennings Bits in Canvas Rolls

No. 100 or No. 101 Bits in handy canvas rolls. Unless otherwise specified, No. 100 Bit is furnished.

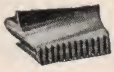
No.	Quantity Bits	Sizes	Per Set
32½ Qtrs.	13	4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16/16 in.	$20.40
20½ Qtrs.	9	4, 5, 6, 7, 8, 10, 12, 14, 16/16 in.	14.20
17½ Qtrs.	7	4, 6, 8, 10, 12, 14, 16/16 in.	11.70

Russell Jennings Expansive Bits

Strong, long-lasting Expansive Bits for skilled woodworkers and hobbyists. Solid head construction. Cutter racks through the head; cannot spring away. Easy, positive adjustment. Full turn of adjusting screw enlarges hole ⅛ inch; half turn 1/16 inch.

No. **71**—Equipped with two size cutters—one for holes 1½ to 2½ inch; one for holes ⅞ to 1½ inch. **$5.10** Each.

No. **71B**—Equipped with three sizes of cutters—for holes 2½ to 3 inch, 1½ to 2½ inch, ⅞ to 1½ inch. **$6.30** Each.



No. 73. Cutter

No. 74. Adjusting Screw

No. 75. Clamping Screw

No. 76. Washer

Extra Parts for Expansive Bits

No.		Each
72	Cutter for holes 1½ to 2½ in.	$1.20
73	Cutter for holes ⅞ to 1½ in.	1.00
77	Cutter for holes 2½ to 3 in.	1.20
74	Adjusting Screw	.30
75	Clamping Screw	.30
76	Beveled Washer	.30

Russell Jennings

No. L101E.
Electrician's Bit

No. 122. Scotch Pattern Bit

No. 100ED. Electric Drill Bit

No. 102. Long Dowel Bit

No. 202.
Car Bit

Russell Jennings Bits

All made of special analysis steel, electric furnace tempered. Carefully manufactured to produce high quality bits for fast, accurate boring in wood.

Electricians Bits

Special design Auger Bits with single spur and cutter, and coarse thread screw. They cut rapidly and hold their cutting edge. Popular with plumbers as well as electricians. 10½ inches long.

No.	Size	Each
L 101E	10/16 in.	$1.55
	11/16 in.	1.65
	12/16 in.	1.75
	13/16 in.	1.85

Scotch Pattern Bits

Special bits with side lips instead of spurs. Recommended for boring in hard, tropical wood; also effective for boring in end grain of soft wood, and the end and cross grain of hard wood.

No.	Size	Each
122	5/16 in.	$1.15
	6/16 in.	1.20
	7/16 in.	1.25
	8/16 in.	1.30
	9/16 in.	1.35
	10/16 in.	1.45
	11/16 in.	1.55
	12/16 in.	1.60

Bits for Electric Drills

¼ inch shank bits for use in portable electric drills and in the drill press when boring in wood. All sizes available with screw or brad point.

No.	Size	Each	Size	Each
100-ED (Screw Point)	4/16 in.	$1.45	11/16 in.	$1.80
	5/16 in.	1.45	12/16 in.	1.85
100-EDB (Brad Point)	6/16 in.	1.50	13/16 in.	1.90
	7/16 in.	1.55	14/16 in.	2.05
	8/16 in.	1.60	15/16 in.	2.20
	9/16 in.	1.65	16/16 in.	2.25
	10/16 in.	1.70		

ED18¾—8 Bit Set, Screw Pt. $15.00 Set
EDB18¾—8 Bit Set, Brad Pt. $15.00 Set

Car Bits

Used by electricians and linemen and others for boring in heavy timber. Length of twist, 12 inches. Length overall, 18 inches.

No.	Size	Each	No.	Size	Each
202	4/16 in.	$2.05	202	11/16 in.	$2.85
	5/16 in.	2.05		12/16 in.	2.95
	6/16 in.	2.15		13/16 in.	3.05
	7/16 in.	2.25		14/16 in.	3.25
	8/16 in.	2.35		15/16 in.	3.45
	9/16 in.	2.45		16/16 in.	3.65
	10/16 in.	2.65			

Long Dowel Bits

These bits are designed especially for boring holes to receive dowels. Ideal for use wherever a bit shorter than standard length would be more advantageous. Overall length 4½ to 5 inches.

No.	Size	Each
102	4/16 in.	$1.15
	5/16 in.	1.15
	6/16 in.	1.20
	7/16 in.	1.25
	8/16 in.	1.30

No. 300. Machine Dowel Bit

No. 315. Machine Bit

No. 305. Square Shank Machine Dowel Bit

No. 317. Machine Bit

Russell Jennings Machine Bits

Types of auger bits adapted to power feeding for production work. Length of twist varies with work to be performed.

No. 300 Machine Dowel Bit

Short bits. Length of twist 1⅛ in. Turned shank 1⅛ x 5/16.

Size in 16ths	Each	Size in 16ths	Each
3	**$1.65**	6	**$1.75**
3½	**1.65**	7	**1.75**
4	**1.65**	8	**1.85**
5	**1.65**		

Square Shank Machine Dowel Bits

No. 305—Thread on shank, 7/16 in. diameter, 14 threads per inch. 3½ in. overall. Two sizes in 16ths:

7 **$1.95** each; 7¼ **$2.05** each.

No. 308—Thread on shank, 5/16 in. diameter, 20 threads per inch. 4½ in. overall. Seven sizes:

Size in 16ths	Each	Size in 16ths	Each
5	**$1.95**	7	**$1.95**
6	**1.95**	8	**2.05**

Square Shank Machine Dowel Bits

No. 309—Thread on shank, 7/16 in. diameter, 14 threads per inch. 4½ in. overall. Nine sizes.

Size in 16ths	Each	Size in 16ths	Each
4	**$1.95**	7	**$1.95**
5	**1.95**	7¼	**2.05**
6	**1.95**	7½	**2.05**
6¼	**1.95**	8	**2.05**

Turned Shank Machine Bits

No. 311—Length of twist 2 inches. Shank 2 x ½ inch.

Size in 16ths	Each	Size in 16ths	Each
4	**$2.25**	8	**$2.45**
6	**2.35**	16	**3.55**
7	**2.35**		

Turned Shank Machine Bits

No. 315—Length of twist 4 inches. Shank 2 x ½ inch.
No. 317—Length of twist 6 inches. Shank 2 x ½ inch.
No. 319—Length of twist 8 inches. Shank 2 x ½ inch.

Size in 16ths	No. 315	No. 317	No. 319
4	$2.35	$2.45	..
5	2.35	2.45	..
6	2.45	2.55	$2.75
7	2.45	2.55	2.75
8	2.55	2.65	2.85
9	2.55	2.65	2.85
10	2.65	2.75	3.05
11	2.75	2.85	3.15
12	2.95	3.05	3.35
13	3.15	3.25	3.55
14	3.15	3.35	..
15	3.35	3.55	3.95
16	3.65	3.85	4.25
18	..	4.55	..
20	..	5.05	..
24	..	5.75	..

STANLEY

Reg. U.S. Pat. Off.

TOOLS

Catalog No. 34

STANLEY TOOLS

DIVISION OF THE STANLEY WORKS

New Britain, Conn., U. S. A.

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THE TOOL BOX OF THE WORLD

QUICK INDEX

	Pages
Anvil Tools	162-165
Awls	117-118
Bars, Ripping	155
Bit Braces	59-66
Books and Plans	125-130
Breast Drills	71
Chisels, Cold	145-155
Chisels, Wood	89-94
Hammers	131-144
Hand Drills	68-70
Levels	21-30
Marking Gauges	111-112
Mitre Boxes	95-101
Nail Sets	116
Picture Frame Tools	102
Planes	31-54
Punches	145-153
Repair Parts	169-183
Rules	9-20
Saw Sets	114
Scrapers	56-57
Screw Drivers	73-87
Sledges	157-161
Soldering Irons	120-123
Spoke Shaves	51
Squares	103-109
Vises	119

Main Plant, Stanley Tools, New Britain, Conn.

TO THE USERS OF STANLEY TOOLS

In publishing this catalog, it has been our purpose to present to the users of Stanley Tools a hand-book containing a comprehensive description and complete specifications, of the tools we manufacture. Stanley Tools are sold in every civilized country, and stocks are carried by leading jobbers and dealers in hardware.

As this catalog goes to press, some of the tools illustrated are not being made because of shortages of material and manpower. If you find that a Stanley Tool you want has been temporarily discontinued, your hardware dealer will help you substitute another Stanley Tool in its place.

Prices

The prices shown are merely a guide as to the comparative value of the different tools. Your hardware dealer will tell you today's prices for the different tools.

Special Booklets

In a book of this kind it is impracticable to go into all the details necessary to fully explain how to use many of our special tools, but we shall be glad to furnish complete information and instructions for any tool which is not completely explained in this catalog.

Stanley Planes

There is no tool in the Stanley line better known and respected than the Stanley Plane. It has been for many years and is today the last word in fine tool design and manufacture.

Quality

Every article is carefully inspected before shipment. Any article showing a defect in workmanship or material will be replaced free of charge if returned to us, transportation charges prepaid. This is the only guarantee of our goods that we make and no representative of this Company is authorized to make any other.

Replacements

Distributors are never authorized to make replacements of our goods. Any item claimed defective must be sent to the factory, transportation charges prepaid for examination. If found defective in material or workmanship, it will be replaced free of charge.

Manufacturing Experience

This Company has been engaged in designing and manufacturing carpenter's tools since 1853 under the name Stanley. For several years prior to that time the same business was carried on under other names. We are thus enabled to manufacture and offer tools

which are the product of more than 90 years of study and experience. Their design, strength and convenience in use, make then a standard of value for carpenters and all users of tools.

Trade-Marks

A trade mark is really a trade name or device to designate or indicate the manufacturer of specific articles. The names "Bailey," "Stanley," "Victor," "Zig-Zag," "Forty-Five," "Fifty-Five," "Hurwood," "Atha," "Horseshoe," etc., are used to identify certain tools made only by this Company.

Boxing and Labeling

Stanley Tools are also identified by the boxes in which they are packed. The boxes are of a distinctive yellow color and have dark green labels of a special copyrighted design.

In General

Suggestions from Stanley Tool users will always be appreciated and will be given careful consideration by our engineering department.

The table given in the last pages of this book will prove valuable to artisans, home-owners and hobbyists.

We wish to express our great appreciation for the preference which has been shown Stanley Tools in the past, and trust we may be favored with your continued and valued patronage.

Other Stanley Products

Along with the making of tools is the experience of the hardware end of the business. Here again careful attention to detail in the manufacturing processes has made the name Stanley known for top quality when builders' hardware is discussed.

This organization manufactures a full line of Wrought Steel Hardware, Butts and Hinges, Garage Hardware, Storm Sash and Screen Hardware, Cabinet Hardware, Steel Strapping, Shelf Brackets, Electric Eye Door Operators and Wrought Steel Specialties. Circulars illustrating the various lines will be sent to those interested.

The North Brothers Mfg. Co., makers of "Yankee" Tools, Philadelphia, Pa., and The Russell Jennings Mfg. Co., Chester, Conn., manufacturers of auger bits and expansive bits, are both divisions of The Stanley Works and well-known for the high quality tools in their respective lines.

Another Stanley division manufactures a varied line of portable electric tools for use in industry. A folder describing Stanley Electric Tools will be mailed upon request.

STANLEY TOOLS

Division of The Stanley Works

New Britain, Conn., U. S. A.

Stanley Hardware Plant, New Britain, Conn.

Page

Angle Dividers 110
Armor Clad Tips, Soldering Irons ..122, 123
Automotive Service Tools 144, 156
Anvil Tools, Blacksmiths' .....162 to 165
Awls and Awl Hafts 117, 118

Bars, Ripping 155
Bars, Connecting 166
Bars, Lining Up and Jimmy 149
Bench Stop 124
Body and Fender Hammers 144
Bevels 110
Bit Braces .....59 to 66
Bit Brace Parts (Back of Book) 181
Bit Gauge 67
Bit Holder-Extensions 67
Blacksmiths' Tools .....162 to 165
Books on Woodworking .....128 to 130
Box Scraper 57
Breast Drills 71
Breast Drill Parts (Back of Book)..... 182
Bull Points 167
Butt Gauges 113
Burnisher 57

Cabinet Scrapers 56, 57
Caliper Rules 20
Carpenters' Steel Squares .....104 to 107
Chalk Line Reels 118
Chisels, Blacksmiths' 163
" Brick 167
" Cape, Round and Dia. Point....148, 150, 152
" Carpenters' .....89 to 94
" Clapboard and Floor 155
" Cold 147, 148, 150, 152
" Electricians' Cutting 155
" Glaziers' 94
" Plumbers' 155
" Ripping 155
" Side 166
" Stone Cutters 167
Combination Squares 109
Coopers' Tools 156
Corner Bit Braces 66
Cornering Tools 124
Countersinks 67

Dolly Bars 166
Doweling Jig 72
Dowel and Rod Turning Machine 115

Page

Dowel Sharpener 67
Drift Pins 167

Fender Repair Hammers 144
Fibre Board Tools 54, 55
Flatters, Blacksmiths' 162
Fullers, Blacksmiths' 162

Gauges, Marking .....111 to 113
Glasses, Level 23

Hammers, Automotive 144
" Blacksmiths' Hand and Sledges 139
" Bricklayers' 140
" Coopers' 140
" Engineers' 139
" Farriers' 140
" Fender 144
" Machinists' Ball, Cross and
" Str. Pein 137
" Nail .....132 to 136
" Prospecting 139
" Riveting 140
" Soft Face 138
" Tack 141
" Tinners' 140
" Upholsterers' 141
" Heavy .....158 to 160
" Hand Drilling or Stone Cutters 159
" Masons' 158
" Napping 158
" Spalling or Stone 158
" Striking and Drilling 159
Hardies, Blacksmiths' 163
Hand Drills .....68 to 70
Hand Drill Parts (Back of Book) 183
Hoop Sets 156

Ice Picks 117

Jointer Gauge 58

Knives, Trimming 55

Levels, Aluminum 24
" Camera 30
" Iron 29, 30
" Line 30
" Machinists' 29, 30
" Masons' 27
" Oil Burner 30
" Pocket 30
" Torpedo 28

Page
Levels, Wood .....25 to 28
Level Glasses 23
" Sights 28

Mauls 160, 161
Measuring Sticks 18
Mitre Boxes .....95 to 101
" Box Parts (Back of Book) 176-180
" Machine 102
" Box, Metal Cutting 100
" Squares 108, 109
" Vise 102

Nail Hammers .....132 to 136
" Sets 116

Parts of Bit Braces 181
" of Mitre Boxes (Back of Book).176-180
" of Planes 169-175
Picks, Boiler 156
" Prospectors 139
Picture Frame Tools 102
Pins, Drift 167
Plans, "How To Make" .....128 to 130
Planes, Bench, Iron .....32 to 35
" Bench Rabbet 41
" Block 39, 40, 45
" Circular 41
" Combination .....46 to 49
" Dado .....45 to 49
" Edge Trimming 45
" "Fifty-Five" 46, 47
" Fibre Board 54
" "Forty-Five" 48, 49
" Matching .....46 to 50
" Model Makers' 40
" Rabbet .....41, 43, 44,46 to 49
" Router 50
" Scrub 41
" Weather-Strip 52, 53
Plane Irons 169
Punches, Center, Prick, Pin, Hand..116, 148, 149, 151, 153
Punches, Backing Out 166
" Blacksmiths' 163
" Long Tapered 149
"Pull-Push" Rules .....10 to 12

Ripping Bars 155
Rivet Buster 156
Rivet Sets 156

Page
Rock Drill Sharpening Tools 168
Rules, Brick Masons' 18
" Boxwood 19, 20
" Caliper 20
" Engineers' 16
" Extension 17, 18
" Manual 20
" Metric 16
" "Pull-Push" .....10 to 12
" "Zig-Zag" .....14 to 18

Saw Sets 114
Scraper Burnisher 57
" Irons 51, 57
" Plane Parts (Back of Book)..... 175
Scrapers, Box 57
" Cabinet 56, 57
" Hand 57
Scratch Awls 117, 118
Screw Driver Bits 84, 87
Screw Drivers .....73 to 87
" " Offset 84
" " Phillips .....85 to 87
" " Replaceable Bit 87
" " Spark Detector 84
Set Hammers 162
Spoke Shaves 51
Sledges .....158 to 160
Soft Face Hammers 138
Soldering Irons .....120 to 123
Squares, Carpenters' Steel .....104 to 107
" Combination 109
" Try and Mitre 108, 109
Stone Cutters' Tools 158, 159, 167
Structural Iron Workers' Tools 166, 167
Swages, Blacksmiths' 162

Tack Hammers 141
Tongs, Blacksmiths' 164, 165
Trammel Points 124
Try Squares 108, 109

Vises 102, 119

Weather-Strip Tools 52, 53
Wedges 161

Yard Sticks 20

"Zig-Zag" Rules .....14 to 18

QUALITY METHODS FOR QUALITY TOOLS

Laboratory Research

The Stanley laboratory, staffed with experts and with modern equipment, controls the selection of materials used in making Stanley Tools. Continuous testing determines the physical strength of metals, correct methods for heat treatment of steel and even electronic devices are developed by our laboratory to help in production.

QUALITY METHODS FOR QUALITY TOOLS

Making Patterns

When new tools have been designed and tested, they are approved for manufacture and patterns must be made. The better the pattern, the better the tool. Stanley employs skilled pattern makers who use modern woodworking and metalworking equipment in their work. But the final, careful finishing is done by hand.

QUALITY METHODS FOR QUALITY TOOLS

Manufacturing Equipment

Our engineers adapt modern machinery to do many operations faster and better than it was possible some years ago. It has always been a practice at Stanley to combine the skill of artisans with efficient production machinery to produce fine finished products.

RULES
Pull-Push
Zig-Zag
Boxwood

STANLEY "PULL-PUSH" RULES
The Rules of A Thousand Uses

The Stanley "Pull-Push" Rule serves both as a rule and as a measuring tape, and can be used in restricted places where other scaling devices cannot enter. The steel blade is rigid for measuring straight, and with slight pressure becomes flexible for measuring curved and angular surfaces. When not in use, the blade is coiled into a light, compact, watch-size case.

You can flex the blade of a Stanley "Pull-Push" Rule around cylindrical objects to measure the circumference.

The same Stanley "Pull-Push" Rule is rigid for measuring straight—horizontally or vertically.

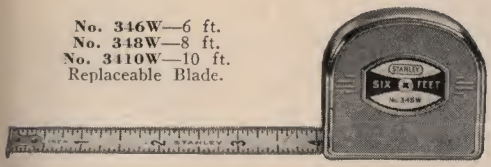
Basic features of Stanley "Pull-Push" Rules are covered by patents.

The blade of a Stanley "Pull-Push" Rule can be bent to follow the contour of angular surfaces so that one measurement does the work of many.

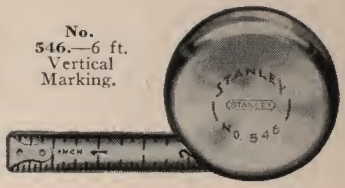
Note These Features:

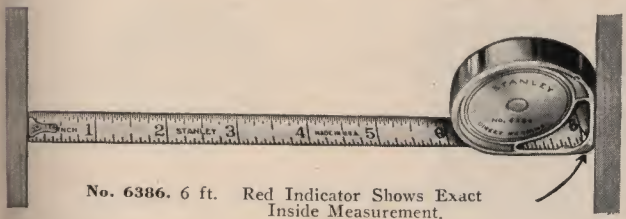
1. Flexible-rigid blade made of special tempered steel.
2. Safe "Pull-Push" blade action; blade is always under control—a light pull and out it comes; a light push and in it goes.
3. Accurate durable figures and graduations.
4. Easy to read—the black markings stand out in strong relief on a nickel plated background. The shape of the blade together with the patented nickel plated finish diffuses and reflects the light so that the figures can be read even in poorly lighted places.
5. Simple construction—no mechanism to wear, clog or get out of order.

No. 346W—6 ft.
No. 348W—8 ft.
No. 3410W—10 ft.
Replaceable Blade.



No. 546.—6 ft.
Vertical
Marking.





No. 6386. 6 ft. Red Indicator Shows Exact Inside Measurement.

No. 1166. 6 Ft.

Stanley "Pull-Push" Rules With Blades ½ In. Wide

Useful, attractive watch size rules for men and women. Flexible — rigid steel blades graduated on both edges in inches and 16ths for their entire length and in 32nds on upper edge for 12 inches. All have safe "Pull-Push" blade action.

VERTICAL MARKING REPLACEABLE BLADE
Two-Tone Chromium Case

Handy rules for inside and outside measurements. D-shape case—add two inches on inside measurements. Vertical numerals easy to read in any position. Blade can be removed and replaced in a few seconds time.

No.	Blade Finish	Length	Each	Extra Blade
346	Nickel Plated	6 ft.	$1.25	$0.60
346W	White Enamel	6 ft.	1.45	.70
348	Nickel Plated	8 ft.	1.45	.80
348W	White Enamel	8 ft.	1.65	.90
3410	Nickel Plated	10 ft.	2.05	1.10
3410W	White Enamel	10 ft.	2.30	1.30

Vertical Marking—Attached Blade

Nickel plated blade. Nickel plated case, brushed satin finish, 1⅞ in. diameter.

No.	Length	Each
546	6 ft.	$1.05
548	8 ft.	1.30

Direct Reading Rule
Blade ½ Inch Wide
Case 2 Inches Diameter

Accurate rule for taking inside and outside measurements. Red indicator on case points to exact inside measurement—nothing to add—no chance for mistakes. Black markings on blade are easy to read. Case nickel plated. A handy rule for any measuring job.

No.			
6386	Nickel plated blade	6 ft.	**$1.50**
6386W	White blade	6 ft.	**1.50**

STAINLESS STEEL CASE—2 IN. DIAM.

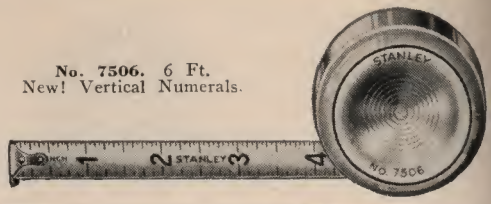
Beautiful bright and satin finish with black and red enamel filled decorations. Nickel plated blade.

No. 1166 6 ft. **$1.70**

All four types of "Pull-Push" Rules shown above can be furnished with nickel plated blades 2 meters long, graduated metric on lower edge, inches on upper edge, at no additional cost. Add ME to number. No. 6386 Rule can also be furnished with metric graduations only. Add M to number.

No. 1266. 6 Ft.

No. 7506. 6 Ft.
New! Vertical Numerals.



No. 7366. 6 Ft.

No. 7566. 6 Ft.

Stanley "Pull-Push" Rules With Nickel Plated Blades

All rules have blades graduated in inches and 16ths entire length, both edges. On Nos. 1266, 1268, and 7506 upper edge of blade is graduated in 32nds for 12 inches; on Nos. 7366 and 7566 upper edge of blade graduated for 6 inches.

Vertical Marking

Removable Blade 5/8 Inch Wide

Closed Case 2 3/16 Inches Diameter

The blade can be removed from the case and used light and free for end to end measurements, and for direct inside measurements.

"Target" style case is totally closed to dirt. Case is strong steel nickel plated with black decorative ring.

No. 7506	6 ft.	**$0.75**
No. 7508	8 ft.	**1.00**

Attached Blade 3/8 Inch Wide

Case 1 5/8 Inch Diameter

Nickel plated blade with markings protected by clear lacquer. Nickel plated case with black filled decorations.

No. 7566	6 ft.	**$0.95**

Attached Blade 5/8 Inch Wide

Case 2 1/8 Inches Diameter

Nickel plated steel case, mirror finish. Nickel plated blade.

No.	Length	Graduated	Each
1266	6 ft.	16ths and ins.	**$1.30**
1268	8 ft.	16ths and ins.	**1.80**

Engineers Rule

Same as No. 1266 but blade is graduated in 10th and 100ths of feet, particularly for engineers' use.

1266E	6 ft.	10ths & 100ths ft.	**$1.40**

Attached Blade 3/8 Inch Wide

Case 1 5/8 Inch Diameter

Case satin finish with red and black filled design. Blade nickel plated.

No.		Price
7366	6 ft.	**$1.60**

Stanley "Pull-Push" Rules Nos. 1266 and 7506 (shown above) can be furnished with blades 2 meters long, graduated metric on lower edge, inches on upper edge, at no additional cost. Add ME to number. These same rules can be furnished with metric graduations only. Add M to number.

STANLEY "ZIG-ZAG" RULES

The first spring joint rule made in the United States was a Stanley Rule. That was in 1899. It was immediately called the "Zig-Zag" Rule, and the name was registered with the United States Patent Office. Pioneered and continually improved by Stanley over a period of more than forty years, the Stanley "Zig-Zag" Rule with the Green Ends is rated by mechanics and woodworkers the world over as one of the finest spring joint rules ever offered.

It Takes a Year to Make a Stanley "Zig-Zag" Rule

After the tree is felled, twelve months are required before the wood is right for a Stanley Rule and seventy distinct operations are performed to give you a high quality Stanley "Ziz-Zag".

The native hardwood is air seasoned and kiln dried under the most favorable conditions. To prevent the entrance of moisture, all surfaces of rule sticks are sealed with a special Stanley preparation. These operations are your assurance of strong sticks.

The graduations and figures are accurately printed in jet black, and a fine durable finish of Stanley lacquer enamel adds to the permanency and accuracy of Stanley "Zig-Zags".

The most durable long wearing metal is used in the joints. Specially designed locking pockets prevent "stretching" and "jack-knifing".

Frequent inspections and tests as the parts are made and assembled, and final inspections against U. S. Standards of Measurements are your assurance that Stanley "Zig-Zags" are made accurate to stay accurate.

Hauling the Rock Maple logs for Stanley "Zig-Zag" Rules.

In the "Torture Room"—day in and day out a machine tests the wearing qualities of Stanley "Zig-Zag" Rule joints.

Putting on the identifying "green ends" on Stanley "Zig-Zag" Rules — a final operation after rules have passed a series of rigid inspections.

Distinguishing Features of Stanley "Zig-Zag" Rules:

Stanley "Zig Zags" are made in a wide range of sizes, markings and finishes to satisfy every rule user. The features and main points of difference are explained below.

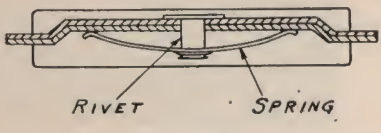
Joints

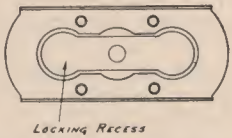
Stanley Rule Joints contain a stiff spring that holds the rule rigid and prevents jack-knifing. Made in two styles—concealed joints and rivet joints.

Concealed Joint (A). There is no hole through the wood. Special machinery permanently fastens the joint plates around the cut out portion of the sticks.

Rivet Joint (B). A rivet, through the wood, joint plates and spring, permanently fastens them together.

Why Stanley Joints Overcome "Stretching"





The above cuts show the construction of a Stanley "Zig Zag" Rule Joint. Note the locking recesses on one plate and the locking projections on the other, which nest and interlock when the plates are in line. They prevent endwise movement in either direction. The walls of the recesses and projections are beveled so that they automatically take up wear. If you exert a strong pull on two sections of a rule you can feel the joints move up a little on the beveled walls but the instant pressure is released they are back in locked position. This joint is the most effective means of overcoming "stretch".

Other Features

Strike Plates—pieces of metal on each section of the concealed joint rules prevent the sticks from rubbing on the graduations. On rivet joint rules the rivet acts as a strike plate.

Markings

New Vertical Marking

Vertical figures and graduations on all edges make it easy to read the rule in any position.

Gothic Marking

Large open figures are easy to read. Rules with this marking are also graduated on all edges.

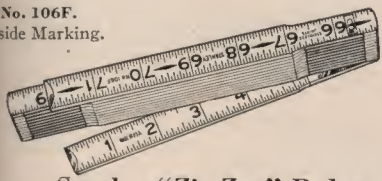
Standard Marking

The figures are clearly printed but are not as large as on the other rules. Graduated on lower edge only.

No. 106. White.
No. 06. Yellow.

No. 266.

No. 106F.
Inside Marking.



No. 266F.
Inside Marking.

Stanley "Zig-Zag" Rules — Look For The Green Ends!

Check these features: Graduated all edges in inches and 16ths; Large Gothic figures; Selected hardwood sticks; Nickel silver joint plates assure easy action and long life; Attractively and durably finished with a crack proof, water-resistant Stanley lacquer, red diamonds and green ends. Protector Plates on outside sticks. Six-inch folds, 5/8 inch wide.

Concealed Joints—Regular Marking

Metal strike plates keep sticks from rubbing on graduations. Numbering begins on outside face of rule.

Yellow Finish

No.	Length	Each
06	6 ft.	**$1.30**

White Finish

106	6 ft.	**1.30**
108	8 ft.	**1.85**

Inside Marking

Numbering begins on inside face of rule so that markings always lie close to the work.

No.	Length	Each
106F	6 ft.	**$1.30**

Concealed Joints—Vertical Figures White Finish

Clear gothic numerals and graduations in vertical position on all edges make it easy to read at any angle, right or left, up or down, in either hand, without reversing or turning the rule over.

Regular Marking

Numbering begins on outside face of rule.

No.	Length	Each
266	6 ft.	**$1.30**

Inside Marking

Numbering begins on inside face of rule so that markings always lie close to the work.

No.	Length	Each
266F	6 ft.	**$1.30**

With Hook

Same as No. 266F but made with a hook on the first leg to simplify measuring at heights or beyond arm's reach.

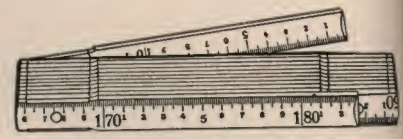
No.	Length	Each
H266F	6 ft.	**$1.45**

No. 806

No. 856

POPULAR, MEDIUM-PRICE "ZIG-ZAGS"

No. 806F—Inside Marking



No. 806EM—Metric "Zig-Zag"

Stanley-Victor "Zig-Zag" Rules

Accurate, well made rules. Graduated in 16ths of inches, both sides. Finished with long wearing, yellow or white lacquer. Durable, brass plated steel joints and tips, 6 inch folds, ⅝ inch wide. Rivet Joints. No. H806 has a hook on end of first stick for use measuring heights or beyond normal reach.

Regular Marking

No.	Length	Finish	Each
804	4 ft.	Yellow	**$0.85**
806	6 ft.	Yellow	**1.05**
H806	6 ft.	Yellow	**1.20**
856	6 ft.	White	**1.00**

Inside Marking

Numbering begins on inside face of rule so that graduations lie close to the work.

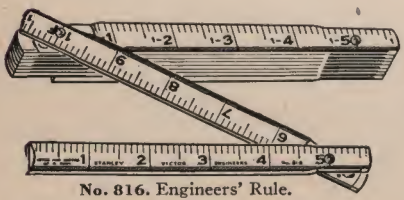
No.	Length	Finish	Each
806F	6 ft.	Yellow	**$1.05**
856F	6 ft.	White	**1.05**

Metric "Zig-Zags"

Graduated metric on one side and inches and 16ths on the other. Brass plated rivet joints. Six inch folds, ⅝ inch wide.

No. 806EM 6 ft. Yellow Finish **$1.05** Each

Stanley Engineers "Zig Zag" Rules



No. 816. Engineers' Rule.

Graduated 10ths and 100ths of a foot on one side and inches and 16ths on the other in tape style, the foot numeral is repeated in red at each inch. The engineers scale is identified by a red line along the outside of rule.

A valuable rule for engineers, architects, road builders and others who use decimal measurements. Durable, brass plated rivet joints; 6 inch folds, ⅝ inches wide.

No. 816 6 ft. white **$1.30** Each

No. 226. "Four Way" Zig Zag Extension Rule

No. 227. Extension Rule.

No. 206. Extension Rule.

Stanley Four Way "Zig Zag" Extension Rule

The most useful folding extension rule ever offered. Can be used four ways: **on inside measurements, reading of slide and rule are centered at one point;** may be used as an ordinary extension rule for inside measurements, and as a regular "Zig-Zag" for outside measurements reading from either end. Brass slide is retained in rule by means of stops, but may be removed to measure hole depths, etc. Extra thick sticks. Graduated in 16ths. Stainless concealed joints and strike plates. 8 inch brass slide, 8 inch folds, ⅝ inch wide. White finish with green ends.

No. 226 6 feet plus 8 inch slide **$2.55** Each

Extension Rule

Extra thick and strong sticks made from straight grained hardwood. Finished natural wood color with green ends. Sealed against moisture and finished with heavy coatings of clear lacquer. Large Gothic figures. Graduated in inches and 16ths both edges.

7-inch brass slide, graduated in inches by 16ths, can be extended 6 inches. Slide has thumb knob. Strike plates, joints and tips are brass plated. Six inch folds, ⅝ inch wide.

No. 227 6 feet plus 7 inch slide **$2.05** Each

Extension Rule

Selected Hardwood Sticks. First leg is extra thick and has 7 inch brass extension slide, graduated in inches and 16ths. Each leg sealed against moisture and finished with heavy coatings of lacquer. Large Gothic figures, graduations in inches and 16ths on each edge.

Finished natural wood color. Strike plates, concealed joints and tips are brass plated. Green ends.

No. 206 6 feet plus 7 inch slide **$1.75** Each

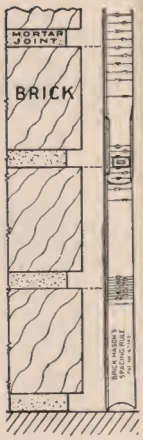
No. 167. Brick Masons' Rule.

Stanley Brick Masons "Zig Zag" Rule

A compact, convenient and accurate rule for gauging the space of brick courses evenly in a given height to insure uniform thicknesses of mortar. It has vertical figures and 8ths and 16ths inch graduations on one side and brick spacing scales on the other. The figures 1, 2, 3, etc., indicate different spacing scales, there are ten in all. Easy to understand directions are packed with each rule.

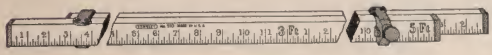
Stainless concealed joints, and strike plates, 6 inch folds, 5/8 inches wide.

No. 167 6 ft. White **$1.55** Each

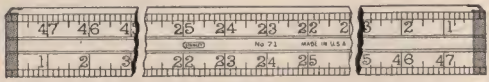


Application of No. 167 Brick Masons' Rule.

Special Stanley Rules



No. 510. Extension Stick.



No. 71. Measuring Stick.

Extension Stick

Two-section sliding rule, for measuring from floor to ceiling, across large openings, etc. When extended to the required length, the sections can be secured by tightening the set screws. Selected hard maple, 1 inch wide. Brass tips and brass plated clamps. Graduated in 8ths of inches.

No. 510 5 to 10 ft. **$7.40** Each

Measuring Stick

Made from selected hard maple with ends protected with brass tips. Graduated both edges on both sides—one side in 8ths of inches, other side in 16ths of inches. Useful for bench or table work, and often more useful than a yard stick. Stick, 1½ x ¼ in.

No. 71 4 ft. **$2.00** Each

STANLEY BOXWOOD RULES

Made of selected Boxwood, a tropical, close grained wood, carefully seasoned to minimize warping and shrinking. Fitted with strong, extra heavy brass joints. Accurate, easy-to-read graduations and figures.

Two Foot—Four Fold

No. 68. A genuine Boxwood Rule at a low price. Vertical numerals for left to right or right to left reading. Round joint. Middle Plates. Graduated 8ths and 16ths. Each **$0.45**

No. 27. Made of maple (not boxwood), otherwise similar to No. 68. Each **$0.40**

No. 61. One of our most popular medium priced rules. Vertical marking. Strong square joint. Middle plates. Graduated 8ths and 16ths. Brass tips. Each **$0.75**

No. 63. Boxwood Rule with clearly printed numerals and markings. Graduated 8ths, 10ths, 12ths, 16ths and drafting scales. Square joint. Brass tips. Each **$1.00**

No. 7. "Blindmans". Square joint. Middle plate. 1⅜ inches wide. Outside legs graduated 8ths, 16ths with larger numbers. Inside legs graduated 8ths, 16ths and drafting scales. Each **$1.25**

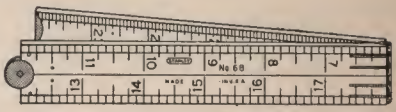
Two Foot—Two Fold

No. 18. A popular bench rule. Two foot, two fold, 1⅜ in. wide. Square joint. Graduated 8ths and 16ths. Brass tips. Each **$1.50**

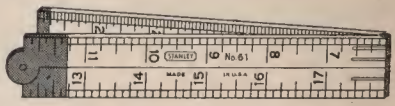
Note: All rules listed above, except Nos. 7 and 18, are one inch wide when folded.

Three Foot Rules

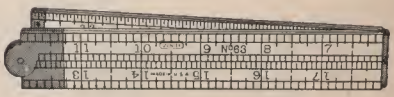
No. 66½. A big seller. Strong Square Joint. Middle plates. 1 inch wide. Graduated 8ths and 16ths. Brass tips. Each **$0.90**



No. 68. 2 Ft.—4 Folds
Round Joint—Vertical Markings.

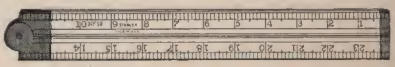


No. 61. 2 Ft.—4 Folds
Strong Square Joint—Vertical Markings.

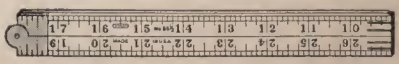


No. 63. 2 Ft.—4 Folds
Strong Joints.

No. 7. 2 Ft.—4 Folds
"Blindmans."

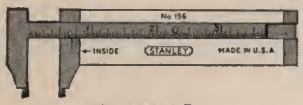


No. 18. 2 Ft.—2 Folds
Bench Rule.

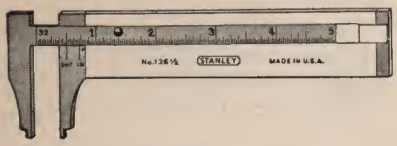


No. 66½. 3 Ft.—4 Folds.

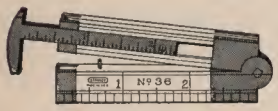
STANLEY BOXWOOD CALIPER RULES



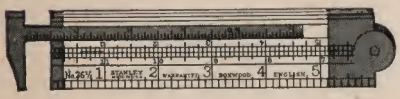
No. 136. 4 In.
Inside and Outside Caliper.



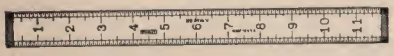
No. 136½.
Inside and Outside Caliper.



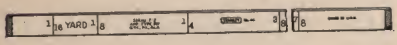
No. 36. 6 In.—2 Folds.

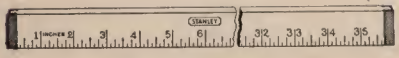


No. 36½. 1 Ft.—2 Folds.



No. 34¼V. Bench Rule.





No. 41. Yard Stick.

For Inside and Outside Calipering

Brass Caliper accurately graduated by 16ths and 32nds. Head is machined for inside and outside calipering.

No. 136. Caliper capacity—hole diameter from $\frac{3}{16}$" to 3¼"; outside diameters of rounds up to 1⅞"; overall width or lengths up to 3¼". 4" long, 1⅜" wide. Each **$1.00**

No. 136½. Caliper capacity—hole diameters from $\frac{7}{32}$" to 5"; outside diameters of rounds up to 3"; overall width or lengths up to 5". 5⅞" long, 1 1/16" wide. Each **$1.30**

Caliper Rules

All have a brass caliper slide accurately graduated in 16ths and 32nds. Regularly made with caliper right hand.

No. 36. 6" long, 2 folds, 1" wide. Extra strong square joint. Graduated 8ths, 10ths, 12ths and 16ths.
Each **$1.25**

No. 36½. One of our best sellers. 1' long, 2 folds, 1⅜" wide. Strong square joint. Graduated 8ths, 10ths, 12ths, 16ths and 32nds. Outside of caliper graduated in 32nds, can be furnished in 16ths if desired.

No.		Each
36½R—Right Hand Caliper		**$1.50**
36½L—Left Hand Caliper		**1.50**

Shop Bench Rules

Vertical figures—easy to read in any position. Graduated on one side in 8ths of inches from left to right; other side in 16ths from right to left. Ends protected by brass tips.

No.	Size	Wood	Each
34¼V	1 ft. x 1⅛ in.	Maple	**$0.60**
34V	2 ft. x 1¼ in.	Maple	**1.05**

Yard Sticks—Highest Quality

Graduated 8ths of inches on one side and fractions of yards on the other.

No.		Width	Each
41	Maple, Brass Tips	1 in.	**$1.15**

LEVELS

Questions and Answers on Stanley Levels

Q. Which is better, an adjustable or non-adjustable level?

A. Those who want the best, will generally choose an adjustable level. If, due to extreme atmospheric conditions or to bumps, the level should be thrown out of true, the owner can adjust the glasses. It is easier to replace a broken glass in an adjustable level. The glasses in the non-adjustable levels are set solid in plaster and will stay accurate under favorable conditions. In as much as they are set solid unnecessary tampering is discouraged.

Q. Why do you make Aluminum, Iron, Hardwood and Light Wood Levels?

A. All of these Levels have certain distinct advantages. Aluminum Levels are light in weight; they will not warp; and they will not rust. Iron Levels withstand more abuse and hold their shape better than either Wood or Aluminum Levels. Hardwood levels are never cold to the touch, are sturdy and durable, and take a beautiful finish. Light Wood Levels are light in weight and easy to handle, and have heavy glass covers which protect the glasses.

Q. Why do some Levels have six glasses?

A. Levels with six glasses are more convenient to use. One or more glasses are always in position no matter how the Level is picked up. Even if one or more glasses are broken the Level can still be used.

Q. What is the advantage of Metal Tips and Metal Bindings on a Level?

A. Metal Tips protect the ends of the Level from splitting or splintering and permit sealing the ends with a waterproof solution. A Metal Binding on all edges protects the wood from damage and lengthens the life of the Level.

Q. What are Proved Glasses and their advantages? Ground Glasses?

A. Proved Glasses are made from glass tubing and are slightly bent so that the high point is exactly in the middle. The bubble in these glasses settles quickly but with sufficient accuracy for carpenters, and masons' work.

Ground Glasses are made of glass tubing, straight on the outside, with the inside ground barrel shape so that the high point is the center.

The bubble works slower but is extremely accurate. Ground Glasses are used in machinists' and millwrights' levels, in surveyor's instruments, etc.

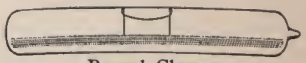
Q. What length Level shall I buy?

A. Choose the longest one convenient for your work. Most artisans have more than one size.

Q. Why are Stanley Levels superior in quality?

A. The stock for Stanley Wood Levels is bought long before use so that it can be properly air seasoned and kiln dried. Only straight grain wood, free of blemishes and imperfections is used. These precautions together with a special process of sealing the wood against moisture protects them against warping. All level glasses are carefully inspected and tested for value or speed of bubble. When they are assembled only glasses that match in value are used. The markings are burned indelibly in the glass. Other special features that insure quality in Stanley Levels are mentioned on the pages that follow.

You can depend on Stanley Levels.



Proved Glasses

Ground Glasses

Stanley Level Glasses

No. 208 "Proved" Clear Fluid

No. 218 Cat's Eye

These glasses are arch shaped and the bubble settles quickly. They are made of extra thick tubing and the high point is marked by two heavy, indelible black lines, which are burned on. No. 218 "Cat's Eye" Glass has an Amber dyed fluid.

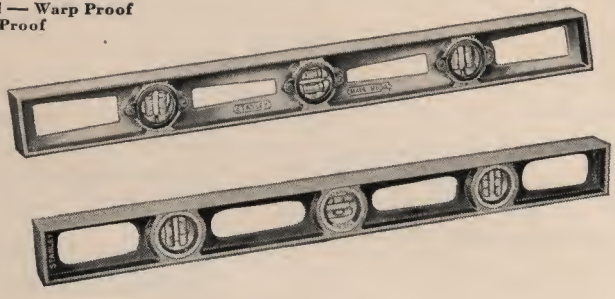
Lgt.	Diam.	Each	Lgt.	Diam.	Each
1"	10/32"	**$0.10**	2¼"	10/32"	**$0.10**
1¼"	10/32"	**.10**	2½"	12/32"	**.10**
1½"	11/32"	**.10**	3"	12/32"	**.15**
1¾"	11/32"	**.10**			
2"	11/32"	**.10**			

No. 209 "Ground"

They are straight on the outside and are ground barrel shape on the inside. The bubble is very sensitive. Marked with etched lines filled in with black paint.

Lgt.	Diam.	Each	Lgt.	Diam.	Each
1"	9/32"	**$0.40**	2"	11/32"	**$0.60**
1¼"	12/32"	**.45**	2½"	12/32"	**.65**
1½"	11/32"	**.55**	3"	14/32"	**.80**
1¾"	11/32"	**.55**			

Strong — Rigid — Warp Proof
Rust Proof



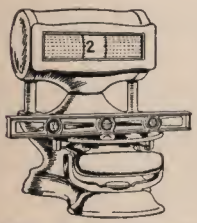
No. 233

No. 313

Stanley Aluminum Levels

Strong—Rigid—Warp-Proof—Rust-Proof

Aluminum makes them light, rust-proof and warp-proof; Stanley's patented truss construction makes them strong and rigid. This truss construction—similar to bridge construction—puts extra metal around the glasses and at places that receive greatest strain. The tops, bottoms and ends are milled to insure perfectly parallel surfaces. Fitted with accurate "Cat's Eye" glasses, protected by heavy glass covers. Recommended for use by carpenters and builders.

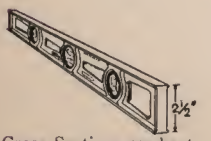


Light in Weight and Easy to Handle

Fully Adjustable

De Luxe Level with these outstanding features: Six glasses fully adjustable at any point in the circle, easily set for 30°, 45° or any other angle desired, or for degree of pitch to the foot. Level cases dust-tight and water-tight. Case adjustment protected by fixed cover plate so that glasses remain true against accidental blows. Level case parts easily replaceable for repairs. Instructions for adjusting glasses packed with each level. Cross section 2 7/16" x 1 1/16".

No.		Each
233	24 in. long	**$7.70**
	28 in. long	**8.50**



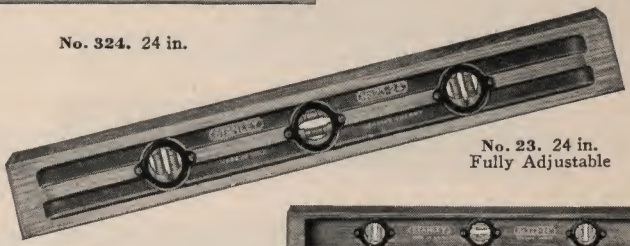
Cross Sections are kept narrow for Lightness and Easy Handling

Correctible Glasses

Cross section 2⅛" x 1". 12 in. size has 4 glasses (1 double level and 1 double plumb); 18 in. size has 4 glasses (2 single plumbs and 1 double level); 24 and 28 in. sizes have 6 glasses (2 double plumbs and 1 double level). Glasses are correctible individually and are replaceable. The 12 in. size has a grooved bottom for leveling pipe, shafting, etc.

No.		Each		Each
313	12 in.	**$4.10**	24 in.	**$5.20**
	18 in.	**4.85**	28 in.	**5.80**

No. 324. 24 in.



No. 23. 24 in.
Fully Adjustable

No. 323. 24 in.

Stanley Wood Levels

Seasoned, kiln dried cherry wood, sealed against moisture and highly polished. The gasket-sealed protector glasses are held in place with metal frames which can readily be removed for replacement of protector glasses. Cat's Eye glasses.

Fully Adjustable

Stock—2¾ in. x 1 1/16 in.

Six glasses are fully adjustable in pairs at any point in the circle. Easily set for 30°, 45°, 60° or any other angle desired, or for degree of pitch to the foot. Glasses are adjustable individually when degree of pitch is less than 2 in. to the foot. Dust-tight and water-tight cases. Case adjustment protected by fixed cover plate so that glasses remain true against accidental blows. Level case parts replaceable for repair, may be ordered as a complete unit or separately. Brass Tips. Instructions for adjusting level glasses packed with each Level.

No.		Each
23	24 in.	**$6.60**

Non-Adjustable

Stock—2½ in. x 1 3/16 in.

High quality Levels, made of cherry, with the fine features and workmanship that characterize Stanley Tools.

Six Glasses

Two double plumbs and one double level.

No.		Each
323	24 in.	**$5.40**

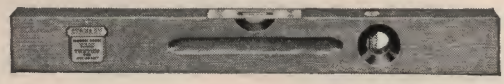
Four Glasses

Two single plumbs and one double level.

No.	Length	Each
324	18 in.	**$4.15**
	24 in.	**4.70**

No. 3

No. 0



No. 104

Stanley Hardwood Levels

Our most popular carpenters' levels. They are made from seasoned cherry, sealed against moisture, and highly finished. Proved Cat's Eye Glasses. Made in a variety of sizes to meet all woodworkers' requirements.

Plumb and Level Non-Adjustable

Stock—2⅜ in. x 1³/₁₆ in.

No.		Each
104	12 in. long	**$2.15**
	14 in. long	**2.20**
	16 in. long	**2.20**
	18 in. long	**2.50**
	24 in. long	**2.75**

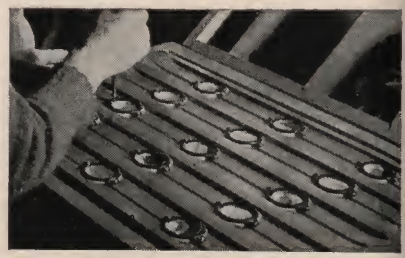
Stock—2¾ in. x 1³/₁₆ in.

No.		Each
0	18 in. long	**$2.75**
	24 in. long	**2.85**
	26 in. long	**3.00**
	28 in. long	**3.10**
	30 in. long	**3.20**

Plumb and Level Adjustable—Brass Tips

Stock—2¾ in. x 1³/₁₆ in.

No.		Each
3	24 in. long	**$4.50**
	26 in. long	**4.60**
	28 in. long	**4.70**
	30 in. long	**4.85**



Driving screws to hold cover plates and level glass assembly in fixed position on No. 23 Levels.

No. 2514

No. S250N

No. 250

No. 250M

No. 252

Stanley Masons' Wood Levels

Stanley Levels are accurate and have the many refinements necessary for your work. All have six "Matched" proved glasses (two double plumbs and one double level) except No. 252 which has four single plumbs and one double level. Glasses marked with clean, indelible black lines. Heavy protecting glass windows. Seasoned straight grained wood, thoroughly kiln dried and sealed against moistutre. "Hand-y" grips. Hang hole in one end with brass bushing. Beautifully finished.

Mahogany—Stock 2½" x 1⅛"

Glasses adjustable in pairs to any point, and adjustable individually for degree of pitch up to 2 inches. Brass tips.

No.		Each
2514	48 in. long	$9.35

Sugar Pine—Stock $2^7/_{16}$" x $1^3/_{16}$"
Not Bound

No.		Length	Each
250N	(Stained Walnut) (Clear Fluid Glasses)	48 in.	$7.95
250	(Enameled Red) (Cat's Eye Glasses)	48 in.	7.95

Sugar Pine—Stock $2^7/_{16}$ in. x $1^3/_{16}$ in.
Not Bound

Enameled Red. Cat's Eye Glasses.

No.		Each
252	48 in. long	6.85

Sugar Pine—Stock 2¼" x $1^1/_{16}$"

Stained Walnut. Cat's Eye Glasses.

No.		Length	Each
S250N	Not Bound	48 in.	$7.95

Mahogany—Stock $2^7/_{16}$" x $1^3/_{16}$"
Beautifully Finished

No.		Length	Each
250M	(Not Bound) (Clear Fluid Glasses)	48 in.	$9.00

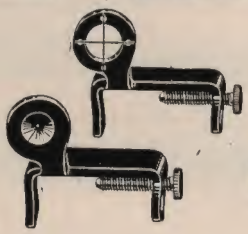
Mahogany—Stock 2¼" x $1^1/_{16}$"
Beautifully Finished
Cat's Eye Glases

No.		Length	Each
S250M	Not Bound	48 in.	$8.95

No. 347N. 24 in.

No. 257N. 24 in.

No. 259



No. 138
Level Sights

No. 260

Stanley Wood Levels With Protected Glasses

Highly accurate. The last word in level design. They are made from thoroughly seasoned wood, sealed and weatherproofed. The "matched" proved glasses are set solid in plaster. Heavy glass covers protect the vials and keep out dust and moisture. All have "Hand-y" grips and a hang hole in one end.

Sugar Pine

Two Glasses—Stock 2¼ in. x. 1¹⁄₁₆ in.
Natural finish with red trim. Cat's Eye Glasses.

No. 347N	12 in. long	Each **$2.10**
	18 in. long	**2.20**
	24 in. long	**2.60**

Level Sights

Used with a level as an inexpensive substitute for surveyors' instruments for leveling and aligning walls, running grades, fences, etc.

Made of brass and finished in black.

No.		Per Pair
138	For Wood and Metal Levels	**$1.50**

Torpedo Levels

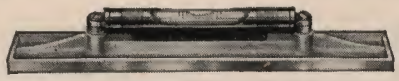
Accurate, handy-size Stanley Levels for mechanics, inspectors, hobbyists and householders. Their tapered shape and small size make them handy pocket levels. Size: 9 in. x 1¼ in. x ¾ in. Cat's Eye glasses set solidly in plaster. Metal face plates.

No.		Each
259	Domestic hardwood. Two glasses, plumb and level	**$1.20**
260	Gonzalvo Alves hardwood. Three glasses, plumb, level and mitre	**1.70**

Sugar Pine

Four Glasses—Stock 2½ in. x 1⅛ in.
Natural finish with red trim. Cat's Eye Glasses.

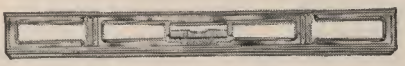
No. 257N	24 in. long	Each **$3.40**
	28 in. long	**3.65**



No. 34V. 6 in. Machinists' Level

No. 34V. End View

No. 36. 24 in. Iron Plumb and Level



No. 37G. 24 in. Iron Plumb and Level

Stanley Iron and Aluminum Levels

Strong castings of special construction insure lightness, strength and rigidity. Tops and bottoms are milled and wet ground to make absolutely parallel surfaces. "Eclipse" covers, an outer tube over the glasses, can be turned either to expose the glasses or to completely cover and protect them when not in use. Levels with grooved bottoms are particularly valuable for leveling shafting, pipes, etc.

Machinists' Levels

The adjustable, ground glasses are extra long and of large diameter, making a sensitive and accurate level for machinists' use. Nickel Plated.

No.	Length	Each
34V	4 in.	**$4.00**
	6 in.	**4.00**
	8 in.	**4.60**
	10 in.	**6.10**

Nickel Plated Iron Levels

For plumbers, millwrights, electricians, etc. Adjustable ground glasses. Nickel Plated. Made only with Grooved Bottoms.

No.		Each
37G	6 in. long	**$5.70**
	9 in. long	**6.10**
	12 in. long	**7.20**
	18 in. long	**8.30**
	24 in. long	**9.40**

Japanned Iron Plumbs and Levels

Recommended for carpenters, plumbers, millwrights, electricians, etc. Adjustable, proved glasses. Japanned finish with Nickel Plated trim.

Length	**No. 36 Smooth Bottom** Each	**No. 36G Grooved Bottom** Each
6 in.	**$4.50**	**$4.80**
9 in.	**4.90**	**5.20**
12 in.	**5.20**	**5.50**
18 in.	**6.30**	**6.60**
24 in.	**7.10**	**7.40**

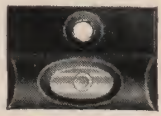
No. 38½. Machinists' Level

No. 38. Oil Burner Level

No. 31. Hexagon Pocket Levels

No. 187. Line Level

No. 181. Camera Level



No. 183. Camera Level

Stanley Special Levels

Iron Machinists' Levels

Popular with machinists, also used extensively to level range oil burners. Proved "Cat's eye" glass set in plaster. Top plate is fastened independently of glass. Nickel plated.

No.		Each
38½	4 in. long	**$1.50**
39½	6 in. long	**2.05**

Camera Levels

Especially valuable on cameras; also used extensively to level clocks, instruments and small work. Proved glasses. Grey iron cases, japanned.

No.		Each
181	Two glasses. "L" shape, size 1¼ in. x 1¼ in.	**$0.60**
182	Two glasses. "Y" shape, size 1⅜ in. x 1 in.	**.70**
183	One glass. Level size 1 in. x ¾ in.	**.50**

Iron Oil Burner Level

For leveling range oil burners and for other jobs where a 6 inch level can be used. Proved glass set in plaster. Base lacquered orange, top plate nickel plated.

No.		Each
38	6 in. long	**$1.05**

Line and Surface Level

An exceptionally light level that can be used on a line to determine grades, to lay foundations, pipe and brick, to trim hedges, etc. Proved Cat's Eye glass set in plaster. Hexagonal Aluminum case is convenient for surface leveling. Patented Hooks made so level will not shake off line. Weighs less than ½ oz.

No.		Each
187	3¼ in. long	**$0.60**

Hexagon Pocket Levels

Handy to carry and accurate enough for all ordinary work. Proved glass set in plaster. Brass case, nickel plated.

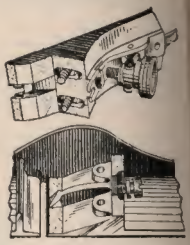
No.		Each	No.		Each
31	2 in. long	**$0.90**	**31**	3 in. long	**$1.00**
	2½ in. long	**.90**		3½ in. long	**1.20**

PLANES
SCRAPERS
SPOKE SHAVES
STANL
BAILEY

Stanley Bench Planes

Superior Design—It is easier to plane and fit a board with a Stanley Bench Plane. This is due, in part, to the perfect balance which results from the proper placing of the cutter, the right position of the knob, and the shape and position of the handle.

Frog—The Frog support directly at the rear of the mouth makes the plane practically one solid piece. The Plane sides and bottom are strengthened by cross ribs. The screw bosses on each side of the center rib are very deep, allowing many threads to engage so that the frog is securely held in place.



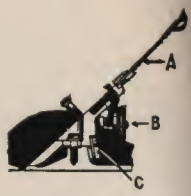
The Frog

Plane Iron or Cutter—The steel for the Cutters is made in Sheffield, England, from the very best grade of Swedish iron. All cutters are individually hardened and tempered and indiviually tested. A circular which explains in detail the construction of Stanley Cutters is packed with each Plane. Briefly its advantages are: (1) Less grinding as the cutter is thin and can be kept in condition by honing. (2) Ease in grinding. (3) Less tendency to "stub off" when honing. (4) Seats firmer on the frog.

The Cutter and Cutter Cap

The Cutter Cap gives extra stiffness to the cutting edge and eliminates any tendency to chatter. It also turns the shaving in such a way that it prevents splintering the surface of the wood when cutting against the grain.

Adjustments—The finest adjustments can be made and held. Up and down adjustments are made by the large thumb nut and lever (B). The sidewise adjustments are made by a lever (A) and a compensating roller. Adjustment of the frog to obtain different widths of mouth can be made with Screw (C).

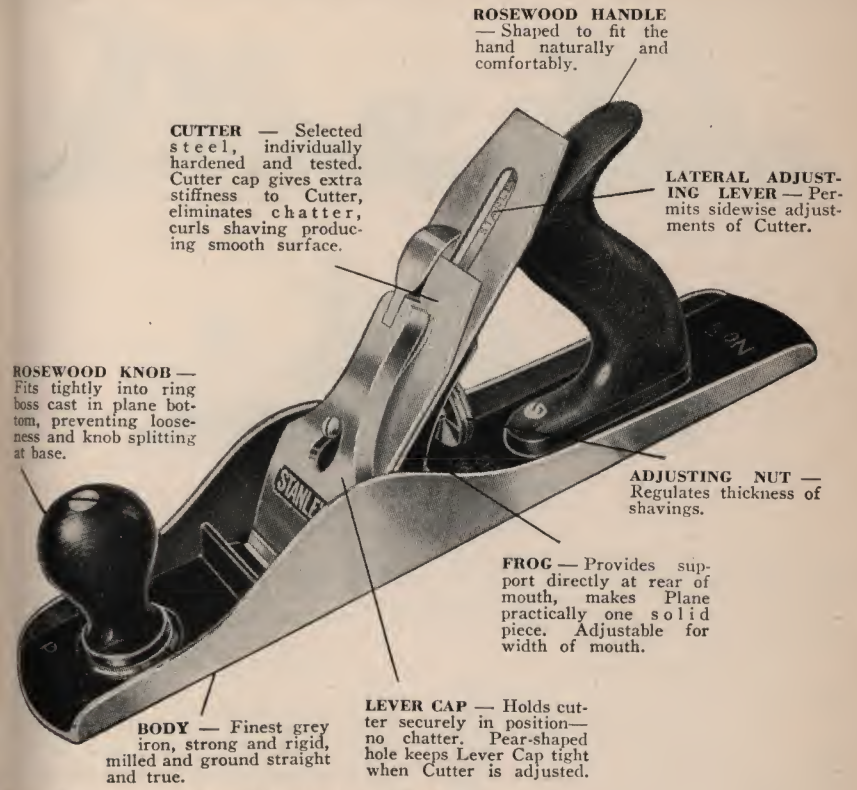


Adjustments

Lever Cap—The Lever Cap holds the Cutter securely in position and prevents any chattering. Notice the new pear shaped hole which overcomes any tendency of the Lever Cap to loosen when the cutter is adjusted.

Knobs and Handle—Are made of rosewood. They fit the hand naturally and comfortably. The Knob fits in a ring boss cast in the plane bottom. This practically eliminates any possibility of the knob splitting at the base.

The Lever Cap

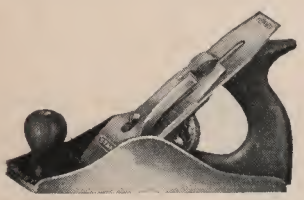


WORLD'S MOST POPULAR PLANE . . .

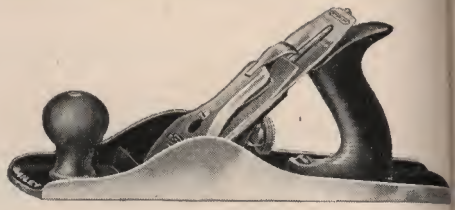
In 1869 . . . more than 70 years ago . . . the first Stanley Iron Bench Plane was produced. First bench plane to be made of iron, it was accepted as an outstanding advance in plane construction.

Through all these years Stanley Planes have been constantly improved and refined. Better materials have been quickly adopted as they were discovered. The design of the various parts and the relation of these parts, one to another, in the finished tool gives Stanley Planes their well-known balance—a feeling in the hands of the user which has never been successfuly duplicated.

These are the reasons why carpenters, patternmakers and cabinet makers—the men whose livelihood depends upon their skill with tools; school shop instructors—the men who teach woodworking; and home craftsmen—to whom the use of fine tools is a favorite recreation . . . invariably choose Stanley Planes for their work.

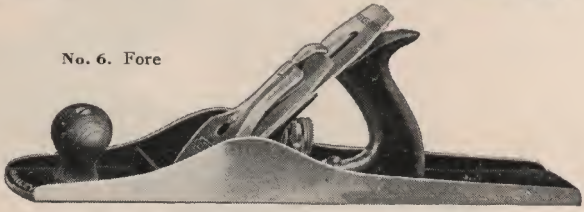


No. 4. Smooth



No. 5. Jack

No. 6. Fore



Stanley Bench Planes

With Smooth Bottoms

Made from finest grey iron castings with sides and bottom machined smooth a true. Fully adjustable to satisfy all requirements—the opening of the mouth can made wider or narrower as coarse or fine work may require, and the cutter can be a justed for thickness and evenness of shaving. Handles and Knobs are made fro rosewood.

Smooth Planes

No.			Each
2	7	in. long, 1⅝ in. Cutter	$6.85
3	8	in. long, 1¾ in. Cutter	6.90
4	9	in. long, 2 in. Cutter	7.25
4½	10	in. long, 2⅜ in. Cutter	8.95

Jack Planes

No. 5¼ Plane is recommended especially for school shops.

Did you know that "Jack" Plane is short for "Jackass" Plane; an appropriate name for the Plane that is used for the hardest and roughest kind of work.

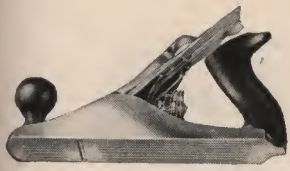
No.			Each
5	14	in. long, 2 in. Cutter	$8.25
5¼	11½	in. long, 1¾ in. Cutter	7.55
5½	15	in. long, 2⅜ in. Cutter	11.15

Fore and Jointer Planes

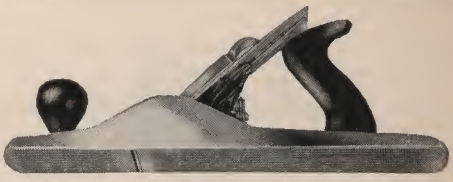
No.		Ea
6	18 in. long, 2⅜ in. Cutter	$11.7
7	22 in. long, 2⅜ in. Cutter	14.1
8	24 in. long, 2⅝ in. Cutter	15.9

Construction Explained on Opposite Page

Repair Parts on Pages 169 and 170



No. 4C. Smooth



No. 5C. Jack

No. 7C. Jointer

Stanley Bench Planes

With Corrugated Bottoms

These Planes are made exactly like those on the preceding page with the exception that the bottoms are ribbed or corrugated. Some workmen are of the opinion that corrugated bottom Planes slide easier on resinous woods.

Fore and Jointer Planes

For finishing large surfaces.

No.		Each
6C	18 in. long, 2⅜ in. Cutter	**$12.00**
7C	22 in. long, 2⅜ in. Cutter	**14.50**
8C	24 in. long, 2⅝ in. Cutter	**16.30**

Construction of Bench Planes

The frog is so fastened to the "heel" and "toe" supports, that it is as rigid and free from vibration as if it were cast in the bed of the Plane. The Cutter is supported right down to the heel of the bevel—no chance of chatter.

To regulate the width of the mouth remove the lever cap and cutter, and loosen the two screws which hold the Frog. Turn the center adjusting screw as required. Tighten the frog screws and replace the cutter and lever.

Smooth Planes

Short finely set Planes for smoothing and finishing work.

No.		Each
3C	8 in. long, 1¾ in. Cutter	**$7.10**
4C	9 in. long, 2 in. Cutter	**7.45**
4½C	10 in. long, 2⅜ in. Cutter	**9.25**

Jack Planes

Used to true the edges of a board as it comes from the saw.

No.		Each
5C	14 in. long, 2 in. Cutter	**$8.25**
5½C	15 in. long, 2⅜ in. Cutter	**11.45**

Repair Parts on Pages 169 and 170

It is easier to plane a long edge straight with a long plane than with a short one. A long plan bridges the low parts and does not cut them until the high spots are removed.

The types of Bench Planes are:

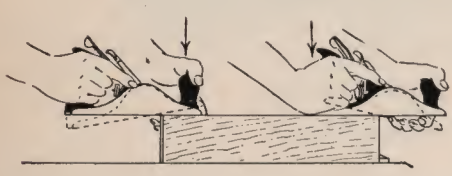
Smooth Plane (7 inches to 10 inches long) gives a very smooth surface.

Junior Jack Plane (11½ inches long) an intermediate size for school shop use.

Jack Plane (14 inches and 15 inches long) is used to true up the edges of a board as it comes fro the saw, and for rapidly preparing the surface for the Smooth Plane.

Fore Plane (18 inches long) is simply a short Jointer Plane.

Jointer Plane (22 inches to 24 inches long) is for long work and for obtaining a true surface whe joining two boards.



To Cut a Smooth Straight Edge t Plane is pushed with the grain.

To Keep the Plane Straight press dow on the knob at the beginning of the strok and on the handle at the end of the strok Avoid dropping the Plane as shown by t dotted line.

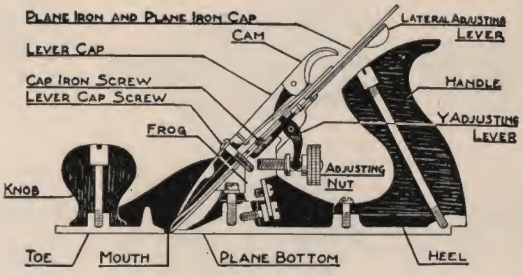
To Obtain a Smooth Surface plane with the grain. If the grain is cross or curly, set the Plane Iron Cap as near the cutting edge as possible and adjust the Plane Iron to take a very thin, even shaving.

To Start Planning take an easy but firm position directly back of the work.

Hold the Plane square with the work face of the work.

At the end of the stroke the weight of the body should be carried easily, on the left foot.

Plane End Grain half way from each edg If the Plane is pushed all the way the corne will break.



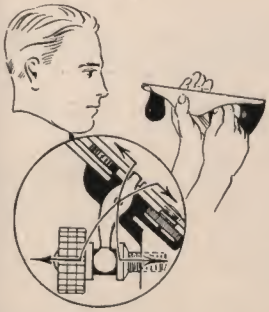
To Put the Plane Together

Lay the Plane Iron, bevel side down, on the Frog. Be sure the Roller on the Lateral Adjusting Lever, the end of the Y Adjusting Lever, and the Head of the Plane Iron Cap Screw are correctly seated.

Slip the Lever Cap under the Lever Cap Screw and press down the Cam. If the Cam will not snap in place easily, slightly loosen the Lever Cap Screw. If the Plane Iron is not firmly held when the Cam is in place, slightly tighten the Lever Cap Screw.

To Adjust for Thickness of Shaving

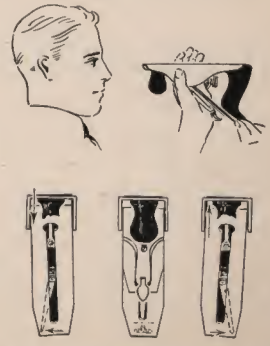
Sight along the bottom of the Plane and turn the Adjusting Nut until the cutting edge projects about the thickness of a hair.



The Plane Iron is pushed out when the Adjusting Nut moves out toward the Handle and drawn in when the Adjusting Nut moves in toward the Frog.

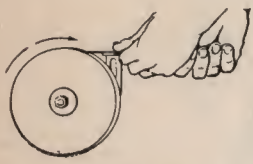
To Adjust for Evenness of Shaving

Sight along the bottom of the Plane and move the Lateral Adjusting Lever toward the Right or the Left.



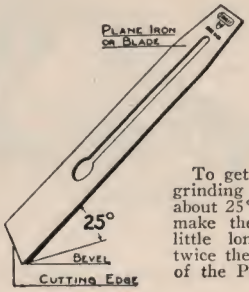
Knob, Lever Cap and Plane Iron Cap removed to show the action of the Lateral Adjusting Lever.

Grinding

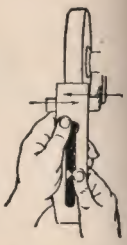


The grindstone should turn toward the Plane Iron. Use the guide to assure a flat even bevel.

Keep the Plane Iron cool to prevent burning by frequently dipping it in water. Stones running in water or oil are preferable.



To get the right grinding angle—about 25° to 30°—make the bevel a little longer than twice the thickness of the Plane Iron.



Move the Plane Iro from side to side to grin full width of bevel an to keep wheel true.

The edge should b straight and almost right angles to the sid of the Plane Iron.

Check the Bevel on Plane Irons With Bevel Grinding Gauge No. 149

By inserting a plane iron in this gauge you can quickly tell if it has been ground to the correct bevel. Stainless steel.
2⅞ inches long. **$0.10** Each

When to Grind a Plane Iron or Chisel

When the cutting edge is nicked.

When the bevel has been worn down by much whetting.

When the beve has been rounde by careless whe ting.

Whetting

Whet the Plane Iron on the oil stone to produce a real sharp cutting edge. Us enough oil to keep the surface of the stone moist. Try to wear the stone evenly.

Place the bevel of the Plane Iron on the stone with the back edge slightly raised.

To Keep the Bevel Straight be sure the hands move parallel to the stone so that the angle between the Plane Iron and the stone will stay the same throughout the stroke.

Remove the wire edge by taking a few strokes with the flat side of the Plane Iron held **Flat** on the stone. Avoid even the slightest bevel on this side.

Finish with a few strok on a leather strop to produ a keener edge.

Do not put a bevel on t flat side as it prevents t Cap Iron from fitting tight

Plane marks will show le on a finished surface if t corners of the Plane Ir are rounded slightly.

No. 9½

No. 9¼

No. 118

No. 18

No. 60

No. 65

Stanley Block Planes

Features and refinements to suit the most exacting woodworker! All, except Nos. 9¼ and 118, have an adjustable throat, which permits the mouth to be quickly opened or closed for coarse or fine work. Bottom and sides are ground smooth and true. "Hand-y" grips make it easy to hold the plane.

Regular Block Planes

Cutter rests on its seat at an angle of 20°. Cutter adjustments are provided for regulating evenness and thickness of shavings. Nos. 18 and 19 have steel Knuckle Joint Lever Cap which snaps into position and holds the cutter firmly.

Japanned Trimmings

No.		Each
9¼	6 in. long, 1⅝ in. Cutter	**$3.15**
9½	6 in. long, 1⅝ in. Cutter	**3.95**
15	7 in. long, 1⅝ in. Cutter	**4.15**

Nickel Plated Trimmings

No.		Each
18	6 in. long, 1⅝ in. Cutter	**$4.65**
19	7 in. long, 1⅝ in. Cutter	**4.85**

Low Angle Block Planes

With these Planes, the Cutter rests on its seat at an angle of 12°, making it easier to plane across the grain on hard woods. Cutter is adjustable for thickness of shavings.

Japanned Trimmings

No.		Each
60½	6 in. long, 1⅜ in. Cutter	**$3.90**
65½	7 in. long, 1⅝ in. Cutter	**4.10**

Nickel Plated Trimmings

No.		Each
60	6 in. long, 1⅜ in. Cutter	**$4.20**

Knuckle Joint Lever
Nickel Plated Trimmings

No.		Each
65	7 in. long, 1⅝ in. Cutter	**$4.80**

All Steel School Plane

A "boy-proof" plane! It is practically unbreakable. Made up of three separate units: cap, cutter and bottom complete with adjustment locked in place. Cutter adjustment allows for simple replacement, eliminates thread stripping and cannot be lost once assembled in plane. Lever cap thumb screw not removable; finger rest riveted in position on plane bottom.

No.		Each
118	6 in. long, 1⅝ in. Cutter	**$4.15**

Repair Parts on Pages 169 and 171

No. 110

No. 220

No. 100

No. 102

No. 100½

Stanley Block Planes

These tools are recommended for all ordinary work that does not require that t plane be frequently adjusted. Bottoms are machined smooth and true. Baked, bla japan finish.

NON-ADJUSTABLE

Nos. 100 and 101

Small light planes handy for odds and ends of light work.

No.		In. Long	In. Cutter	Each
100	Handled	3½	1	**$1.15**
101	No Handle	3½	1	**.95**

Model Makers

Specially designed for model makers, violin makers, pattern makers, etc. Bottom is curved in both directions—⅞ in. radius on the width and 12 in. radius on the length.

No.		Each
100½	3½ in. long, 1 in. Cutter	**$1.85**

No. 102

A light serviceable block plane.

No.		Each
102	5½ in. long, 1⅜ in. Cutter	**$1.60**

No. 110

The most popular of all non-adjustable block planes. Malleable iron lever cap. Hardwood knob.

No.		Each
110	7 in. long, 1⅝ in. Cutter	**$2.45**

ADJUSTABLE

Cutter is adjustable for thickness c shaving by means of a lever. Plane h a boss cast in the front of the plane f a finger rest, and the sides are japanne

No.		Eac
103	5½ in. long, 1⅜ in. Cutter	**$2.0**

Nos. 203 and 220

Popular planes at an intermediat price. Cutter is adjustable for thicknes by means of a steel screw. Bottom an sides are milled and ground. Hardwoo knob.

No.		Eac
203	5½ in. long, 1⅜ in. Cutter	**$2.8**
220	7 in. long, 1⅝ in. Cutter	**2.8**

Repair Parts on Pages 169 and 171

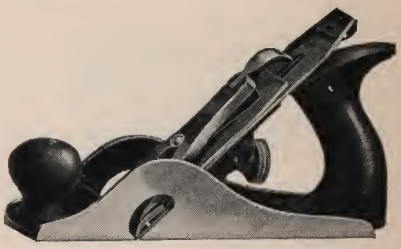
Special Stanley Planes

Bench Rabbet Planes
Malleable Iron Bottoms

To accurately cut a rabbet joint across the grain; to cut and smooth rabbets on hardwood, and for heavy rabbet cuts in mining and construction work. Double iron and "Bailey" adjustments. Rosewood handles and knobs.

Stationary Handle and Knob

No.		Each
10½	9 in. long, 2⅛ in. Cutter	**$9.70**
10	13 in. long, 2⅛ in. Cutter	**11.40**



No. 10

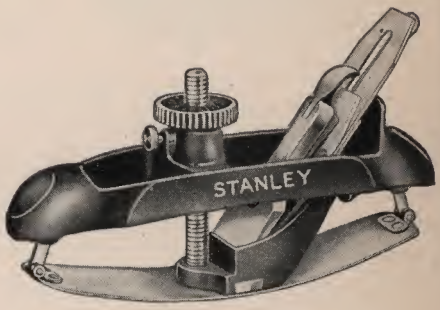
Circular Planes

They have flexible steel bottoms which can be adjusted to plane convex and concave surfaces. The well known Stanley "Bailey" Cutter and Lever Cap construction assure smooth, clean work and eliminate chatter. Cutters are adjustable endwise and sidewise. Minimum radius 20". Japanned frames.

The Face is fastened at each end to the Plane Body and adjusted by a screw at the center.

The Frame provides a good hand hold for both hands.

No.		Each
20	10 in. long, 1¾ in. Cutter	**$14.85**



No. 20

Scrub Planes

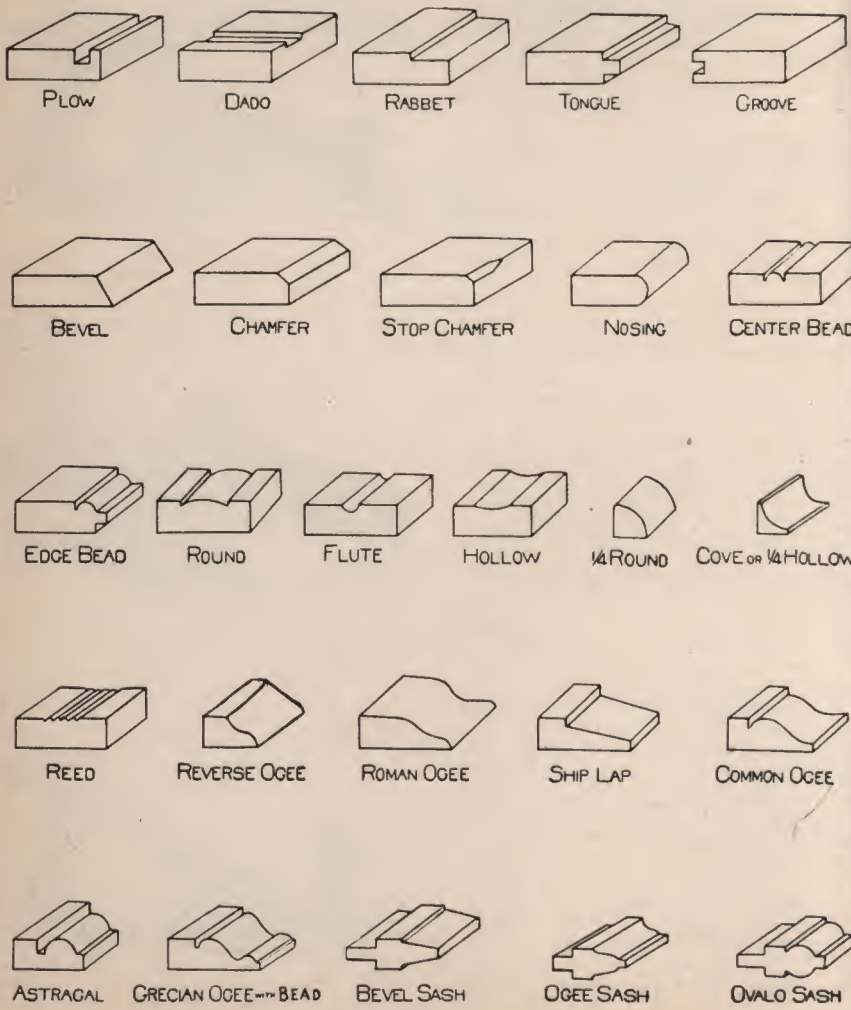
A time and energy saver! When you have to remove quite a bit of wood from the edge or surface of a board—not enough to rip with a saw but a great deal to plane—use a Scrub Plane. Its heavy, narrow, rounded cutter makes it possible to quickly and easily bring the board down to rough dimensions. Use it to back out base boards, true up sub flooring, size large timber, clean gritty boards, etc. Japanned finish. Hardwood handle and knob.

No.		Each
40	9½ in. long, 1¼ in. Cutter	**$4.70**

No. 40

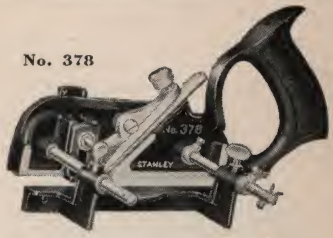
Repair Parts on Page 173

Common Cuts in Wood

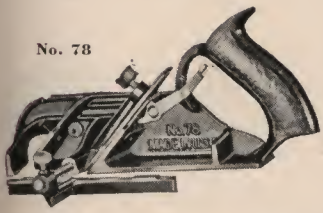


No. 190

No. 378



No. 78



No. 289

Stanley Rabbet Planes

Iron Rabbet Planes

These Planes will lie flat on either side. They can be used either right or left hand, to plane into corners or against perpendicular surfaces. Fitted with a Spur and a detachable Depth Gauge. Japanned finish with Nickel Plated trimmings.

No.		Each
190	1½ in. Cutter, 8 in. long	**$4.50**
191	1¼ in. Cutter, 8 in. long	**4.50**
192	1 in. Cutter, 8 in. long	**4.50**

Duplex Rabbet Plane

This Plane has two Seats for the Cutter: one for regular work, and the other for bull nose work for working close into corners. It is fitted with a Spur and a removable Depth Gauge. The adjustable Fence can be used on either side of the Plane. When used in the rear seat the Cutter is adjustable endwise. Japanned finish with Nickel Plated trimmings.

No.		Each
78	1½ in. Cutter, 8¼ in. long	**$5.70**

Rabbet Plane

Used to make the rabbet cuts on the sash meeting rail and for all rabbet work within its capacity.

Furnished with a 13/16 in. cutter, a fence with stop collars, a R H and L H Depth Gauge, and a wide Depth Gauge that can be used on either side of the plane for cutters wider than ¾ in.

Cutters—11/16 in., ¾ in., ⅞ in. and 1 in. wide can be furnished for 50¢ each.

No.		Each
378	8 in. long	**$7.25**

Skew Cutter Rabbet Plane

Fitted with an extra wide cutter which is set at an angle to the bottom so that it works easier and smoother on cross grain work. It has two adjustable spurs for working across the grain, and a fence and depth gauge which can be used on either side of the plane. Japanned with Nickel Plated trimmings.

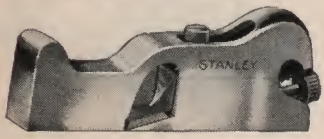
No.		Each
289	1⅞ in. Cutter, 8½ in. long	**$8.35**

Repair Parts on Page 174

No. 90. Cabinet Makers'

No. 75. Bull Nose

No. 92. Cabinet Makers' Rabbet



No. 79. Side Rabbet

Stanley Rabbet Planes

Cabinet Makers' Rabbet Planes

Especially valuable when fitting rabbeted shoulders for splices and mortises, and for any fine rabbet work on cabinets, patterns, etc., where accuracy is essential. With the front removed they can be used as chisel planes to remove glue or uneven places in corners.

Sides and bottom are machine ground square to one another so plane will lie flat on either side. They can be worked either right or left hand. Throat opening is adjustable for coarse or fine work. Cutters are adjustable for thickness of shaving. "Hand-y" grip. Nickel plated.

No. 90 is of the bull nose pattern and can be used in corners or other hard to get at places.

No.		Each
90	4 in. long, 1 in. Cutter	**$7.40**
92	5½ in. long, ¾ in. Cutter	**8.60**
93	6½ in. long, 1 in. Cutter	**9.85**

Side Rabbet Right and Left Hand

For side rabbeting in trimming dados, mouldings and grooves of all kinds.

They have a reversible nose piece so that they can be worked into corners and are fitted with a depth gauge.

Where these planes are in constant use, it is desirable to have two No. 79 Planes—one set for right hand work and one for left hand work.

Sides and bottoms ground to insure absolute accuracy. Nickel Plated.

No.		Each
79	5½ in. long, ½ in. Cutter	**$4.60**

Bull Nose Rabbet Plane

It will work close into corners or other places hard to get at. The mouth can be adjusted for coarse or fine work. Bottom ground true. Top japanned.

No.		Each
75	4⅛ in. long, 1 1/16 in. Cutter	**$1.75**

Repair Parts on Page 174

Special Stanley Planes

Dado Planes

They will cut true, even in the narrow widths. The Skew Cutter and two adjustable Spurs assure smooth clean cuts. Fitted with an adjustable Depth Gauge. Japanned. Specify No. 39 and width of cutter.

No.		Each
39	¼ in. Cutter, 8 in. long	**$6.40**
39	⅜ in. Cutter, 8 in. long	**6.40**
39	½ in. Cutter, 8 in. long	**6.40**
39	¾ in. Cutter, 8 in. long	**6.40**

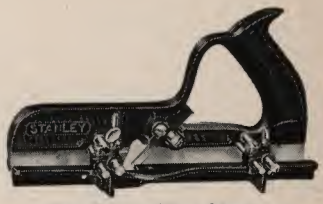
No. 39. Dado

Plow Plane

A plane especially designed for grooving and for all plow work within its capacity. Fitted with a depth gauge and an adjustable fence.

Seven cutters are furnished with the plane—⅛, 5/32, 3/16, 7/32, ¼, 5/16 and ⅜ inches wide.

No.		Each
248A	9½ in. long	**$8.20**



No. 248A. Plow Plane

Special Block Planes

Double End Non-Adjustable

This Plane has two mouths and two cutter seats. Cutter and Lever Cap can be reversed to form a Bull Nose Plane. Bottom and Sides are ground and milled. Rosewood Knob. Japanned Trimmings.

No.		Each
130	8 in. long, 1⅝ in. Cutter	**$3.45**

No. 130

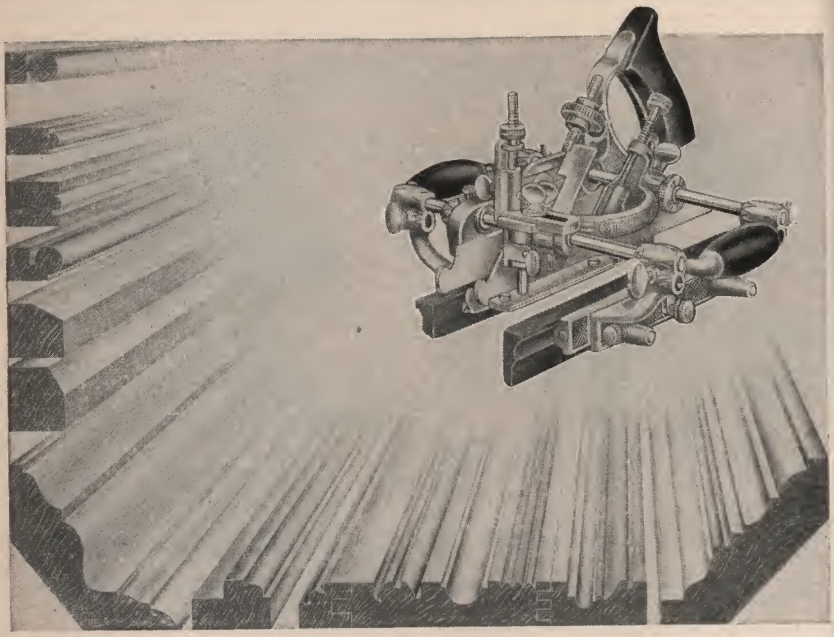
Edge Trimming Block

For trimming or squaring the edge of boards up to ⅞ inch for a square or close fit. The Cutter works on a skew. Japanned.

No.		Each
95	6 in. long, 1 1/16 in. Cutter	**$3.10**

No. 95

Repair Parts on Pages 169, 171 and 174



Stanley "Fifty-Five" Plane

This unique Plane makes it possible for the amateur home craftsmen to produce the many decorative effects that enhance any piece of furniture. It is also used by mechanics to produce mouldings when it is inconvenient or expensive to go to a mill.

This tool is a beading and center beading plane, a plow, dado, rabbet, match, sash, and slitting plane, and a superior moulding plane that will accommodate cutters of almost any shape and size.

The samples of work illustrated show some of the mouldings that can be made with cutters regularly furnished with this plane.

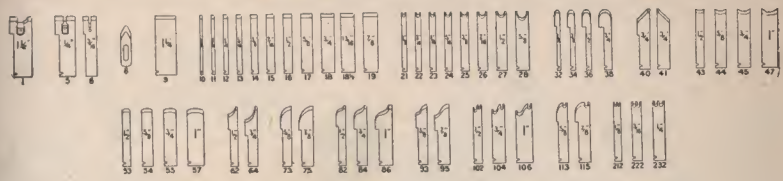
Its wide range of work will be appreciated when it is considered that, in addition to the fifty-five regular cutters and the forty-one special cutters (carried in stock), the plane will take practically any form of cutter which the owner can make from blanks or order from sketch.

All metal parts are nickel plated. The Handles and Fences are made of Rosewood.

A booklet "Stanley '55' Plane and How to Use It" is packed with each Plane. The Cutters, Attachments and Plane are packed complete in a strong box.

No.	Each
55 with 55 Cutters, weight 15¼ lbs.	**$54.35**

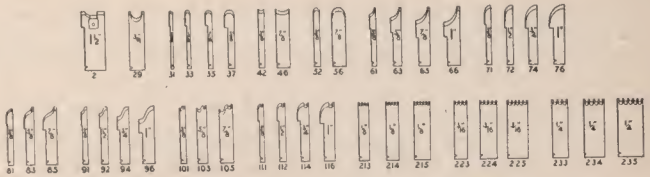
Repair Parts on Page 172



REGULAR CUTTERS FOR "FIFTY-FIVE" PLANE

The following cutters are furnished with each Plane. Prices are given in case duplicates are required

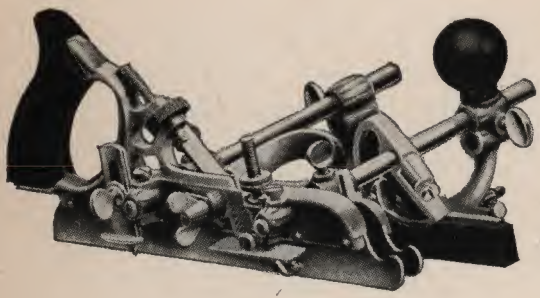
No.	Size	Style	Each	No.	Size	Style	Each	No.	Size	Style	Each
1	1 1/2 in.	Sash Tool	$0.95	23	1/4 in.	Beading Tool	$0.65	57	1 in.	Round	$0.70
5	1/4 in.	Match Tool	.90	24	5/16 in.	Beading Tool	.65	62	1/2 in.	Quarter Hollow	.70
6	3/16 in.	Match Tool	.85	25	3/8 in.	Beading Tool	.65	64	3/4 in.	Quarter Hollow	.70
8		Slitting Tool	.65	26	7/16 in.	Beading Tool	.65	73	5/8 in.	Quarter Round	.70
9		Filletster	.70	27	1/2 in.	Beading Tool	.65	75	7/8 in.	Quarter Round	.70
10	1/8 in.	Plow Tool	.60	28	5/8 in.	Beading Tool	.70	82	1/2 in.	Reverse Ogee	.70
11	3/16 in.	Plow Tool	.60	32	1/4 in.	Fluting Tool	.70	84	3/4 in.	Reverse Ogee	.70
12	1/4 in.	PlowDadoTool	.60	34	3/8 in.	Fluting Tool	.70	86	1 in.	Reverse Ogee	.70
13	5/16 in.	PlowDadoTool	.60	36	1/2 in.	Fluting Tool	.70	93	5/8 in.	Roman Ogee	.70
14	3/8 in.	PlowDadoTool	.65	38	3/4 in.	Fluting Tool	.70	95	7/8 in.	Roman Ogee	.70
15	7/16 in.	PlowDadoTool	.65	40	3/4 in.	ChamferTool	.75	102	1/2 in.	Grecian Ogee	.65
16	1/2 in.	PlowDadoTool	.65	41	3/4 in.	ChamferTool	.75	104	3/4 in.	Grecian Ogee	.70
17	5/8 in.	PlowDadoTool	.65	43	1/2 in.	Hollow	.65	106	1 in.	Grecian Ogee	.70
18	3/4 in.	PlowDadoTool	.65	44	5/8 in.	Hollow	.65	113	5/8 in.	1/4Rd.withBead	.70
18 1/2	13/16 in.	PlowDadoTool	.65	45	3/4 in.	Hollow	.65	115	7/8 in.	1/4Rd.withBead	.70
19	7/8 in.	PlowDadoTool	.70	47	1 in.	Hollow	.70	212	1/8 in.	ReedingTl.2"	.70
21	1/8 in.	Beading Tool	.65	53	1/2 in.	Round	.65	222	3/16 in.	ReedingTl.2"	.70
22	3/16 in.	Beading Tool	.65	54	5/8 in.	Round	.65	232	1/4 in.	ReedingTl.2"	.70
				55	3/4 in.	Round	.65				

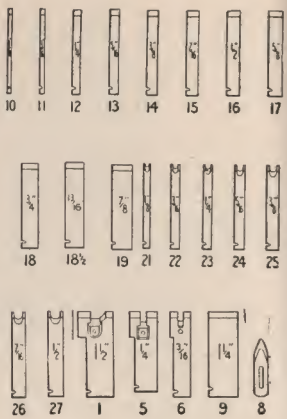


SPECIAL CUTTERS FOR "FIFTY-FIVE" PLANE

These Cutters are carried in stock and may be ordered by number:

No.	Size	Style	Each	No.	Size	Style	Each	No.	Size	Style	Each
2	1 1/2 in.	Sash Tool	$0.95	71	3/8 in.	Quarter Rd.	$0.70	111	3/8 in.	1/4Rd.with Bead	$0.70
29	3/4 in.	BeadingCutter	.70	72	1/2 in.	Quarter Rd.	.70	112	1/2 in.	1/4Rd.with Bead	.70
31	3/16 in.	Fluting Tool	.60	74	3/4 in.	Quarter Rd.	.70	114	3/4 in.	1/4Rd.with Bead	.70
33	5/16 in.	Fluting Tool	.60	76	1 in.	Quarter Rd.	.70	116	1 in.	1/4Rd.with Bead	.70
35	7/16 in.	Fluting Tool	.60	81	3/8 in.	Reverse Ogee	.70	213	1/8 in.	ReedingTl.3 "	.70
37	5/8 in.	Fluting Tool	.70	83	5/8 in.	Reverse Ogee	.70	214	1/8 in.	ReedingTl.4 "	.70
42	3/8 in.	Hollow	.70	85	7/8 in.	Reverse Ogee	.70	215	1/8 in.	ReedingTl.5 "	.70
46	7/8 in.	Hollow	.70	91	3/8 in.	Roman Ogee	.70	223	5/16 in.	ReedingTl.3 "	.70
52	3/8 in.	Round	.70	92	1/2 in.	Roman Ogee	.70	224	5/16 in.	ReedingTl.4 "	.70
56	7/8 in.	Round	.70	94	3/4 in.	Roman Ogee	.70	225	3/16 in.	ReedingTl.5 "	.70
61	3/8 in.	QuarterHollow	.70	96	1 in.	Roman Ogee	.70	233	1/4 in.	ReedingTl.3 "	.70
63	5/8 in.	QuarterHollow	.70	101	3/8 in.	Grecian Ogee	.70	234	1/4 in.	ReedingTl.4 "	.70
65	7/8 in.	QuarterHollow	.70	103	5/8 in.	Grecian Ogee	.70	235	1/4 in.	ReedingTl.5 "	.70
66	1 in.	QuarterHollow	.70	105	7/8 in.	Grecian Ogee	.70				





Stanley "Forty-Five" Plane

A unique, successful and convenient combination of seven tools in one. With the twenty-three cutters furnished with the "45", it can be used as a Beading and Center Beading Plane, Plow Plane, Dado Plane, Rabbet Plane, Match Plane, Sash Plane, and Slitting Plane. With the special cutters, shown on the next page, it can be used as a beading plane.

When cutting across the grain, adjustable, knife-like spurs precede the main cutter and score the wood fibre on both sides of the cut.

All metal parts are Nickel Plated. The Handle, Knob and Fence are selected Rosewood. Complete, easy to understand, directions are packed with each plane.

No. 45 with 23 cutters, weight 9½ lbs. **$29.85**

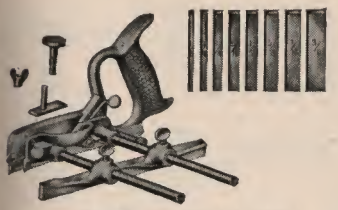
Twenty-three Cutters Regularly Supplied with the "45" Plane

The price is given in case duplicates should be required

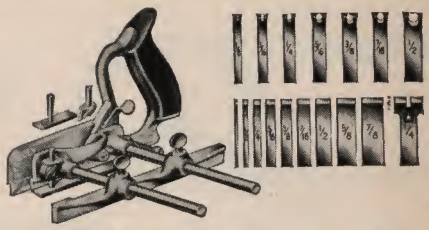
No.	Size	Style	Each	No.	Size	Style	Each
1	1½ in.	Sash Tool	**$0.95**	**17**	⅝ in.	Plow Dado Tool	**$0.65**
5	¼ in.	Match Tool	**.90**	**18**	¾ in.	Plow Dado Tool	**.65**
6	3/16 in.	Match Tool	**.85**	**18½**	13/16 in.	Plow Dado Tool	**.65**
8		Slitting Tool	**.65**	**19**	⅞ in.	Plow Dado Tool	**.70**
9	1¼ in.	Filletster	**.70**	**21**	⅛ in.	Beading Tool	**.65**
10	⅛ in.	Plow Tool	**.60**	**22**	3/16 in.	Beading Tool	**.65**
11	3/16 in.	Plow Tool	**.60**	**23**	¼ in.	Beading Tool	**.65**
12	¼ in.	Plow Dado Tool	**.60**	**24**	5/16 in.	Beading Tool	**.65**
13	5/16 in.	Plow Dado Tool	**.60**	**25**	⅜ in.	Beading Tool	**.65**
14	⅜ in.	Plow Dado Tool	**.65**	**26**	7/16 in.	Beading Tool	**.65**
15	7/16 in.	Plow Dado Tool	**.65**	**27**	½ in.	Beading Tool	**.65**
16	½ in.	Plow Dado Tool	**.65**				

Repair Parts on Page 172

Special Cutters for No. 45 Plane—Next Page →



No. 54. Plow and Rabbet



No. 50. Light Combination Plane

Stanley Combination Planes

Plow and Rabbet

Used to plow grooves for panels in cabinet doors, to groove or rabbet screen frames, and for other applications where rabbeting with the grain is required. Nickel plated. Equipment includes Fence with 5 in. adjustment, Depth Gauge, 2 Sets Arms (long and short), and 2 Plow Cutters—1/8, 3/16; 6 Plow and Dado Cutters—1/4, 5/16, 3/8, 7/16, 1/2 and 5/8 inch wide.

No. 54 9¼ in. long Each **$12.30**

Light Combination

Used as a Plow, Dado, Beading, Matching or Rabbet Plane. Made of metal and nickel plated; Rosewood handle. Fitted with Spurs for use across grain, a Fence, Depth Gauge, Shaving Deflector, Match Board Beading Gauge and Lever Adjustment. Seventeen cutters are furnished; 2 Plow cutters—1/2, 3/16; 7 Plow and Dado Cutters—1/4, 5/16, 3/8, 7/16, 1/2, 5/8 and 7/8 in. wide; 7 Beading Cutters—1/8, 3/16, 1/4, 5/16, 3/8, 7/16 and 1/2 in. wide, and 1 Tonguing Cutter—1¼ in. wide.

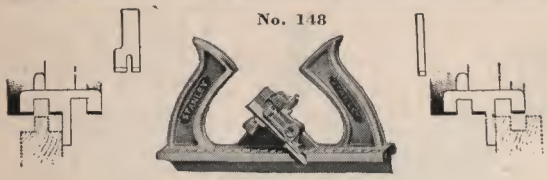
No. 50 9¼ in. long Each **$17.20**

Special Cutters for "Forty-Five" Plane

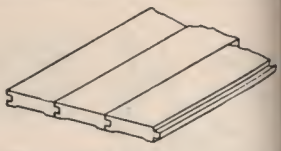
Carried in stock and may be ordered by number

No.	Size	Style	Each	No.	Size	Style	Each
2	1½ in.	Sash Tool	$0.95	212	1/8 in.	Reeding Tool 2 Beads	$0.70
28	5/8 in.	Beading Tool	.70	213	1/8 in.	Reeding Tool 3 Beads	.70
29	3/4 in.	Beading Tool	.70	214	1/8 in.	Reeding Tool 4 Beads	.70
31	3/16 in.	Fluting Tool	.60	215	1/8 in.	Reeding Tool 5 Beads	.70
32	1/4 in.	Fluting Tool	.60	222	3/16 in.	Reeding Tool 2 Beads	.70
33	5/16 in.	Fluting Tool	.60	223	3/16 in.	Reeding Tool 3 Beads	.70
34	3/8 in.	Fluting Tool	.60	224	3/16 in.	Reeding Tool 4 Beads	.70
35	7/16 in.	Fluting Tool	.60	225	3/16 in.	Reeding Tool 5 Beads	.70
36	1/2 in.	Fluting Tool	.70	232	1/4 in.	Reeding Tool 2 Beads	.70
37	5/8 in.	Fluting Tool	.70	233	1/4 in.	Reeding Tool 3 Beads	.70
38	3/4 in.	Fluting Tool	.70	234	1/4 in.	Reeding Tool 4 Beads	.70
				235	1/4 in.	Reeding Tool 5 Beads	.70

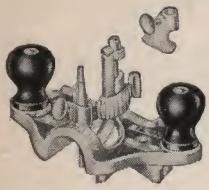
Repair Parts on Page 172



No. 148

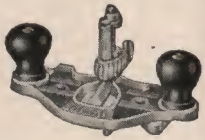


Tongue Groove



No. 71. Open Throat Router

No. 271. Small Router



No. 71½. Closed Throat Router

Stanley Tongue and Groove Match Planes

These planes cut a tongue on the edge of one board and a groove in the edge of another; when put together the surfaces of the boards come true. The straightness of both tongue and groove, and their distance from the surface, is governed by a fence. This fence is so designed that the distance of the groove, from the side the fence engages with, is practically the same as the width of the groove.

Equipped with two cutters, a plow and a tongue tool, both governed by one permanent fence. The tongue tool has one edge wider than the other, which overhangs one side when tonguing on center. Both the tongue and groove are cut by working the tool in the same direction; the Plane is merely reversed end for end.

No.		Each
148	Cuts ¼ in. Groove, on boards ¾ in. to 1 in. Centers on ⅞ in. 9 in. long	**$7.7**

Stanley Router Planes

Large Planes

For surfacing the bottom of grooves or other depressions parallel with the surface of the work. A wooden bottom of any size can be fastened to the plane bottom for routing on large openings. ¼ in., ½ in. and a "V" or smoothing cutter are furnished with each Plane. The cutters can be held on the front of the cutter post for regular work or on the back for bull nose work. Cutters graduated on shank in 16ths for one inch to make depth adjustments more readily. The fences furnished will follow straight concave or convex surfaces. Nickel plated body. Maple knobs.

No.		Each
71	Open Throat 7½ in. long	**$6.7**
71½	Closed Throat 7½ in. long	**5.8**

Small Plane

Useful for very narrow work such as inlay work, cutting dados for shelves, letting in lock plates, etc. Can be used for either regular or bull-nose work. Nickel plated

No.		Each
271	¼ in. Cutter, 3 in. long	**$1.6**

Repair Parts on Page 174

No. 151

No. 63

No. 51

No. 60

No. 64

Stanley Spoke Shaves

Spoke Shaves are used to plane convex and concave edges. All have a black Japanned Finish. Cutters are made of finest steel, correctly tempered and sharpened.

Cutter Cap—Adjustable Cutter

Cutters are fully adjustable. Cutter and cap iron are fastened by a thumb screw which exerts an even pressure on the cutting edge. They can be adjusted without a screw driver. No. 151M is made of malleable iron and is practically unbreakable.

No.	Handle	Length	Cutter	Each
151	Raised	10 in.	2⅛ in.	**$1.45**
151M	Raised	10 in.	2⅛ in.	**1.65**

With Cutter Cap

Similar to the above except that they do not have the adjusting screws.

No.	Handle	Length	Cutter	Each
51	Raised	10 in.	2⅛ in.	**$1.10**
52	Straight	10 in.	2⅛ in.	**1.25**

Light—With Cutter Cap

A popular spoke shave for fine work.

No.	Handle	Length	Cutter	Each
64	Straight	9 in.	1¾ in.	**$0.85**

Convex Bottom—Light

For use on concave, curved edges having small sweeps.

No.	Length	Cutter	Each
63	9 in.	1¾ in.	**$0.85**

Hollow Face

For rounding edges. Raised handle.

No.	Length	Cutter	Each
55	10 in.	2⅛ in.	**$1.40**

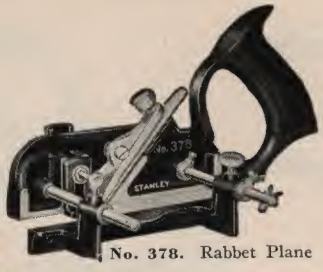
Two Cutters

Two cutter seats—one hollow—one straight. The hollow one is for rounding edges. Straight handle.

No.	Length	Cutter	Each
60	11 in.	1½ in.	**$1.85**

Spoke Shave Irons

No.	Each	No.	Each
51	**$0.30**	**63X**	**$0.25**
52	**.30**	**64**	**.25**
53	**.30**	**65**	**.25**
55	**.35**	**67**	**.50**
60	**.30**	**151**	**.30**
63	**.25**	**152**	**.30**



No. 378. Rabbet Plane

No. 78. Rabbet Plane

No. 248A. Plow Plane

Stanley Planes for Weatherstrip Work

These are the Stanley Planes which can be used to make rabbet and plow cuts fo the rib, hook and flat strips on practically all types of metal weatherstripping.

Rabbet Plane

Used to make rabbet cuts ⅜ in. wide on the lock jamb and head of a door for weatherstripping. Using the Plane with depth gauge, make a cut ¾ in. wide first to proper depth. Then adjust Plane and make ⅜ in. cut from edge of door. (See illustration showing rabbet cut on door on opposite page.)

This Plane can also be used for other rabbeting jobs in connection with windows.

No.		Each
78	1½ in. Cutter, 8¼ in. long	**5.70**

Grooving Plane

A plane especially designed for weatherstrip grooving and for all plow work within their limits. Fitted with a Depth Gauge and an Adjustable Fence.

The following seven cutters are furnished—⅛, 5/32, 3/16, 7/32 ¼, 5/16 and ⅜ inches wide.

No.		Each
248A	7 Cutters, 9½ in. long	**8.20**

Rabbet Plane

Used to make the rabbet cuts on th sash meeting rail and for all rabbe work within its capacity.

Furnished with a 13/16 in. cutter, fence with stop collars; a R H an L H Depth Gauge, and a wide Dept Gauge that can be used on either sid of the plane for cutters wider than in.

Cutters—11/16 in., ¾ in., ⅞ in. and in. wide can be furnished for 50¢ eac

No.		Eac
378	8 in. long	**7.2**

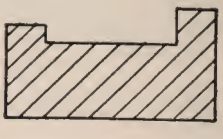
Other Stanley Tools For Weatherstrip Work

Side Rabbet Plane No. 79, Jointe Plane No. 7, Hammer No. 53-7 oz Prick Punch No. 9B, Pin Punch N 647, Square No. 20-6 in., Bit Brace N 945, Countersink No. 139, Chisel N 50-⅝ in., Nail Set No. 11¾-5/64 in Rule No. 106, Screw Driver No. 20- in., Vise No. 700.

Repair Parts on Page 174

Weatherstrip Cuts Made With Stanley Planes

Stanley Weatherstrip Tools make all common and special cuts easily and quickly. The majority of weatherstrip manufacturers recommend them as the most practical tools available.



Meeting Rail Rabbet Cut

Made with Stanley Plane No. 378

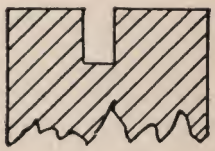
Certain types of weatherstripping require two rabbet cuts (as illustrated) whose shoulders bear a definite relation to each other. With Stanley Rabbet Plane No. 378, it is possible to locate the two positions accurately, and to repeat their positions on each sash. Other types of weatherstripping require a single rabbet cut (as illustrated). No. 378 Plane cuts the entire width of this rabbet with one pass.

Meeting Rail Rabbet Cuts Made with Plane No. 378

Groove Cut

Made with Stanley Plane No. 248A

The illustration shows a groove cut for the rib of weatherstrip. This cut can be made at any location on the sash to any depth up to 5/8 inches. The seven cutters regularly furnished will cut 1/8, 5/32, 3/16, 7/32, 1/4, 5/16, and 3/8 inch width cuts.

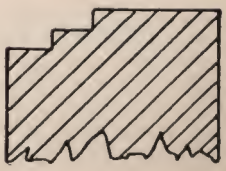


Groove Cut Made with Plane No. 248A

Rabbet Cut on a Door

Made with Stanley Plane No. 78

Installing weatherstripping on the lock jamb and head of a door requires two cuts 3/8 inch wide (as illustrated). Stanley Plane No. 78 makes these cuts either right or left hand, with slight adjustments. This plane can be reversed on the end of a door to prevent the wood from splitting.

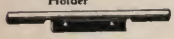


Rabbet Cut Made on Door with Plane No. 78

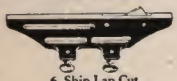
1. Groove and Bevel Cutter Holder for Re-sharpening or Razor Blade Type Blades

1A. Groove and Bevel Cutter Holder for Re-sharpening Type Blades

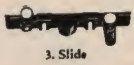
2. Slitting Cutter Holder



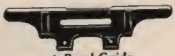
5. Groove Guide



6. Ship Lap Cut Attachment

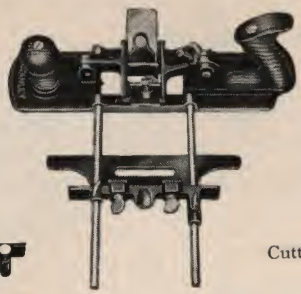


3. Slide



4. Bevel Guide

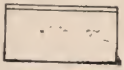
7. Circular Attachment



Cutters

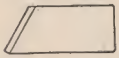
No. 1935

No. 1936

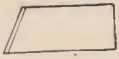


No. 1930

No. 1931



No. 1932



No. 1933

No. 1934

Stanley Fibre Board Cutter

Carpenters, window decorators, home-owners and building maintenance men have found these tools excellent for cutting and ornamenting fibre insulating boards.

No. 193A Cutter—$28.20

A complete tool for grooving, beveling, slitting and decorating fibre insulating board. It is equipped with the holders necessary to use Razor Blade Type and Resharpening Type Cutters and to make Ship Lap Cuts, and Circular Cuts.

Bottom is machined to take all attachments furnished which include Nos. 1 and 1A Groove and Bevel Cutter Holder, No. 2 Slitting Cutter Holder, No. 3 Slide, No. 4 Bevel Guide, No. 5 Groove Guide, No. 6 Ship Lap Cut Attachment, No. 7 Circular Attachment, one each of the six different Resharpening Type Cutters and six Razor Blade Type Cutters.

No. 193B Cutter—$13.85

A handy tool to groove, bevel and slit fiber board. It is composed of the plane bottom, No. 2 Slitting Cutter Holder, No. 1 Groove and Bevel Cutter Holder, one Slitting Cutter and 4 Razor Blade Type Cutters.

Bottom is machined to take additional attachments shown on this page.

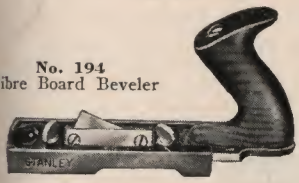
Extra Attachments

Users of Fibre Board Cutters will find it to their advantage to own extra parts—this refers particularly to Cutter Holders Nos. 1, 1A and 2. With extra holders the operator saves valuable set up time. Prices: No. 1—$1.50; No. 1A—$2.00; No. 2—$1.25; No. 3—$.55; No. 4—$.50; No. 5—$.50; No. 6—$.90; No. 7—$.75.

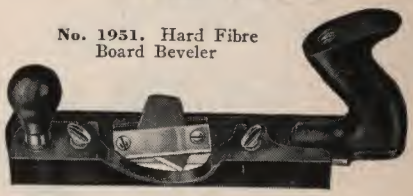
No. 299. Knife

No. 199. Knife

No. 194
Fibre Board Beveler



No. 1951. Hard Fibre Board Beveler



Stanley Trimming Knives and Fibre Board Tools

Razor-Edge Knives

Easy Knives to use when cutting wall board, paper, cardboard, linoleum, auto-top and upholstery materials. Good tools for opening cartons. Handle large enough for firm grip.

No. **199** is made from cast aluminum. Furnished with 5 blades in the handle. 6 in. long **$1.55** Each

No. **299** is also made from aluminum, perforated for lightness. Furnished with 5 blades in the handle. 5½ in. long **$1.05** Each

Extra Blades

Pointed razor type blades for knives Nos. 199 and 299. No. 1991 has one notch, No. 1992 has two notches.

No. **1991**	2 3/16" x .017"	5—	**$0.50**
		100—	**10.00**
No. **1992**	2 7/16" x .025"	5—	**.60**
		100—	**8.00**

Fibre Board Beveler

Cuts chamfers (or bevels) up to ⅜ inch on fibre insulating boards. It will use the same cutters as No. 193 or No. 193A—either razor blade type, or R.H. grooving cutter No. 2.

Red hardwood handle. Japanned iron frame. Complete with 6 razor blade type cutters.

No. **194** 8⅜ in. long **$4.15** Each

Hard Board Beveler

Cuts chamfers (or bevels) up to 3/16 inch on Hard or "Tempered" Fibre Board. Red hardwood handle and Knob. Japanned iron frame. Furnished with one heavy steel cutter.

No. **1951** 10½ in. long **$5.20** Each

Extra Cutters for Nos. 193A, 193B, 194 and 1951

No.			
1930	Razor Blade Cutters for Nos. 193A, 193B, 194	25 Blades	**$1.70**
1931	Left Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.00**
1932	Right Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.00**
1933	Slitting Cutter for Nos. 193A, 193B	Each	**1.00**
1934	Left Hand Mitre Cutter for Nos. 193A, 193B	Each	**1.00**
1935	Right Hand Mitre Cutter for Nos. 193A, 193B	Each	**1.00**
1936	Special Right Hand Grooving Cutter for Nos. 193A, 193B	Each	**1.00**
1938	Razor Blade Cutter for No. 1951	Each	**.25**

No. 80. Grey Iron
No. 80M. Malleable Iron

INSTRUCTIONS FOR USE ON PAGE 58

No. 32

Stanley Scrapers

No. 282

Cabinet Scrapers

Double Handle—Grey Iron

The Blade may be sprung to a slight curve by adjusting a thumb screw so that it will cut easier and faster. The raised Handles protect the user's hands. Body and handles are cast in one piece and japanned. Fitted with a highest quality beveled edge blade.

No.		Each
80	2¾ in. blade, 11½ in long	**$2.45**
Extra Blades		**.40**

Double Handle—Malleable Iron

This Scraper is similar to No. 80, except that it is made of malleable iron, and is practically unbreakable.

No.		Each
80M	2¾ in. blade, 11½ in. long	**$2.65**

Single Handle—Adjustable

For floor work, scraping in corners, removing paint, etc. A spring in the head acts as a cushion and eliminates all chatter. Furnished with two blades—one straight blade with beveled edge, one formed two edge blade which can be sharpened with a file. Hardwood handles. Body japanned.

No.		Each
82	3 in. blade, 12 in. long	**$3.65**
Extra Formed Two Edge Blades		**.40**
Extra Straight Blades		**.40**

Single Handle

Used for all kinds of scraping, but particularly for scraping floors. Red Hardwood Handle. Body japanned.

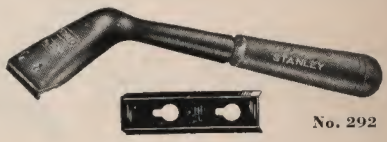
No.		Each
282	3 in. blade, 13 in. long	**$3.05**
Extra Blades		**.40**

Stanley Scrapers and Burnishers

Single Handle Scraper

For removing stencils, paint and varnish, and similar work. The reversible, two-edge blade can be sharpened with a file; no burnishing necessary. A leather pad under the blade prevents chatter. Red hardwood handle. Body japanned.

No.		Each
292	2½ in. blade, 12½ in. long	**$2.45**
Extra Blades.		**.25**



No. 292

Hand Scraper No. 0

Great care is exercised in the selection of steel and heat treatment of these blades, to make them superior tools. Gauge or thickness—.035 of an inch.

Width	Length	Each
2½ in.	5 in.	**$0.75**
3 in.	5 in.	**.85**
3 in.	6 in.	**.95**

No. 0

Box Scraper

For removing stencil markings. The Handle is hinged. The bottom of the scraper and the edge of the cutter are convex curved so that the user can scrape clean any uneven surface. Red hardwood handle. Body japanned.

No.		Each
70	2 in. blade, 13 in. long	**$2.40**
Extra Blades		**.30**

No. 70

Scraper Blade Burnishers

Used to turn the edges on Scraper Blades. Blades are forged from finest tool steel and carefully heat treated.

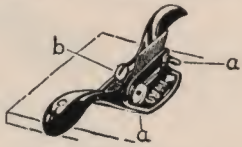
No.		Each
185	4½ in. round tapered blade	**$0.80**

No. 185

Stanley Cabinet Scraper

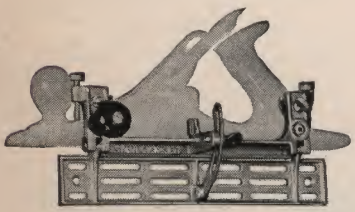
The Cabinet Scraper is used for the final smoothing before sandpapering. It removes the slight ridges left by the plane. It is also used to smooth surfaces that are difficult to plane because of curly or irregular grain.

To Adjust and Use the Cabinet Scraper. Loosen the adjusting screw and the clamp screws. Insert the blade from the bottom with the bevel side toward the adjusting screw.



Stand the scraper on a flat board. Press the blade lightly against the wood and at the same time tighten the clamp screws (a a). Bow the blade by tightening the adjusting screw (b).

Try the Scraper and change the adjustment until it takes a thin even shaving. Hold it turned a little to the side to start a cut. Dust, instead of a shaving, indicates a dull scraper.



No. 386. Jointer Gauge

Stanley Jointer Gauge

Used with all sizes of metal Jack or Jointer Planes. To plane bevels of any angle, between 30 and 90 degrees or to square up the edges of boards with extreme accuracy. It can be used either right or left hand. A wooden face may be attached to increase the bearing surface of the Gauge.

Nickel Plated. Rosewood Knob.

No.		Each
386	11 in. long	**$6.20**

How to Use Spoke Shaves

The spoke shave is usually pushed. Care must be exercised to cut with the grain of the wood.

The spoke shave is also used to chamfer around edges.

Sharpen the cutter like a plane blade.

BIT BRACES

HAND and BREAST DRILLS

Questions and Answers About Bit Braces

Q. Which is the better ratchet mechanism? Concealed or Box Ratchet?

A. They are both good and come only in the higher priced tools. Frankly it's largely a matter of personal preference. The Box Ratchet is stronger than the Concealed Ratchet but the Concealed is amply strong for any work for which you will ever use it. The Concealed Ratchet, as you can see, has the mechanism enclosed so no dirt can get in, and it retains the lubricant longer.

Q. While we are on the subject of ratchets, how about the Open Ratchet?

A. Very good, for ordinary work. This ratchet is used on the medium priced and lower priced Braces. It isn't as strong or as smooth in action as either the Box or Concealed types.

Q. Which jaws are better, Universal, Interlocking or Alligator?

A. **Universal Jaws** are the best for all around work because they will hold more types and sizes of bits and drills. They are designed and machined specially to hold round shank bits and drills up to and including ½ inch, and taper shanks as large as Clark's No. 2 Expansive Bit.

Interlocking Jaws are used only on the No. 919 Bit Braces and hold only taper shank bits—any size up to Clark's No. 2 Expansive Bits. The bit rests in a solid steel socket and the jaws center the bit and keep it from slipping. This is the best Brace for taper shank bits and it is recommended for carpenters, electricians and school shops.

Spring Alligator Jaws will hold ordinary size taper shank bits as well as small and medium size drills.

Pin Alligator Jaws are used on the lower priced braces and will hold all ordinary size taper shank bits.

Q. The highest priced Braces have a Ball Bearing Chuck. Is that a good feature?

A. It certainly is. Drop a bit in it and tighten it. Now try it on a Brace that hasn't a Ball Bearing Chuck. Did you notice how much easier and quicker it was to tighten the bit in the first brace, and how much easier it was to loosen it. That's your answer, and it holds the bit more firmly.

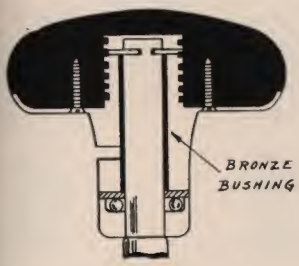
Q. Is a Brace with a Ball Bearing Head better than one without ball bearings?

A. Yes. A Ball Bearing Head will turn easier and last longer. When you are boring a hole you have work enough without having friction in the Brace, too. Even the lower priced Stanley Braces have this feature. The heads on the better Stanley Braces are metal clad to protect them from breakage, and in addition to the ball bearings they have a bronze bushing in the quill of the head which makes a smoother and longer wearing head.

Q. What is **cocobolo,** the wood used for the heads and handles on the higher priced Braces?

A. It's a tropical wood that is very hard and tough; it takes a beautiful finish.

See the *Stanley Bit Braces* at Your Dealers!



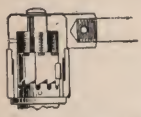
An Important Operation in Making a Stanley Brace

This illustration at the right shows a press ready to drive a *Bronze Bushing* into the quill of a Stanley Bit Brace head. That bronze bushing is an exclusive feature that is available only in Stanley high grade braces. It makes the finest bearing condition that it is possible to obtain—*Steel against Bronze.* This, plus ball bearings, makes a longer wearing, easier turning head.

Cross section drawing shows the construction of a metal clad, bronze bushed, ball bearing head.

Types of Ratchets

Concealed



Keeps out moisture and dirt and retains the lubricant. Drop Forged Clutch, backed by four springs, insures smooth and easy operation and prevents back turning.

Box

Heavy Duty, Strong and Dependable. Gear Teeth are cut on a heavy spindle, and encased to protect the user's hands.

Open

Gear is cut from a separate piece of steel and pinned to the spindle.

Types of Heads

Metal Clad, Bronze Bushed, Ball Bearing

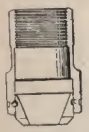
Used on all high grade Braces. Bronze Bushing minimizes wear, and with the Ball Bearings assures smooth operation.

Ball Bearing—New Style

Used on Nos. 945, 965, 965N, 966. Ball bearing assure smooth operation.

Types of Shells

Ball Bearing, Steel Chuck



Used on No. 813. Ball Bearings enable the user to fasten the bit firmer, easier and quicker. Nose Ring is forged, and hardened.

Steel, Heavy Duty

Used on Nos. 921, 923, 984, 993. A heavy duty shell, accurately machined inside and out so bit turns true.

Steel, Heavy Duty

Used on Nos. 915, 916, 917 and 945. Accurately machined inside and out so bit turns true.

Steel, Regular

Used on Nos. 965, 965N. Machined inside and out. Large nose provides a good grip.

No. 966 has a smaller steel shell.

Types of Jaws

Type G Universal

Forged, hardened and machined. For round shank bits and drills up to ½ inch, and taper shanks as large as Clark's No. 2 Expansive Bit.
Per Pair. **$0.90**

Interlocking

Type H

Forged, hardened and machined. Especially adapted for taper shank bits up to Clark's No. 2 Expansive bit.
Per Pair. **$1.40**

Spring Alligator Malleable Iron

Type I

Hardened and machined. For regular size taper shank bits; also small and medium size drills.
Per Pair. **$0.70**

Pin Alligator Malleable Iron

Type J

Will firmly hold all ordinary size taper shank bits.
Per Pair. **$0.40**

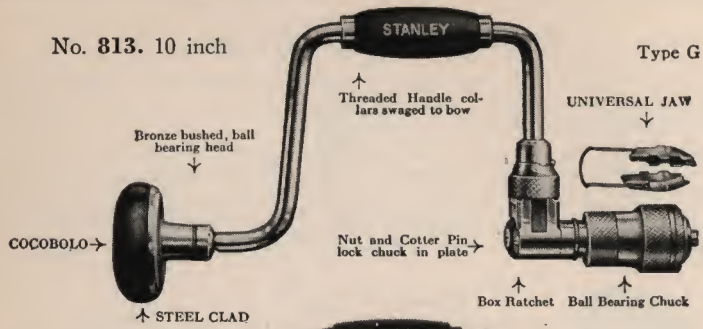
Stanley Box Ratchet Bit Braces

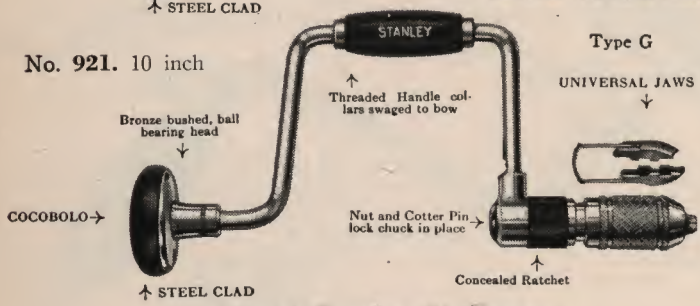
Giants for strength. They will stand up under the hardest use, and they have the many Stanley refinements which make a fine artisan's tool. The Box Ratchet is dependable in operation and is built for heavy duty.

Nickel Plated, Mirror Finish. Steel Clad Head turns freely on Ball Bearings and a long wearing Bronze Bushing. Selected Cocobolo Head and Handle. Strong, sturdy Box Ratchet. Nut and Cotter Pin lock entire chuck in place. Improved, forged and hardened Universal Jaws, hold round shank bits and drills from ⅛ to ½ inch, inclusive, and taper shanks as large as Clark's No. 2 expansive bit.

No.	Sweep	Each
923	6 inches	$7.50
	8 inches	7.55
	10 inches	7.55
	12 inches	7.85
	14 inches	8.45

Extra Jaws $0.90 Per Pair. Extra Parts are Shown on Page 181





Stanley Ratchet Bit Braces

Highest quality tools designed for artisans, homecraftsmen and school use. They are highly recommended for their strength and wearing qualities.

Box Ratchet—Universal Jaws

High grade Bit Brace. Ball bearing chuck makes it easier to tighten and release bit. Nickel plated, mirror finish. Bronze bushed, ball bearing head with steel-clad, cocobolo head and handle. Forged Universal Jaws will take round bits and drills from ⅛ to ½ inch, inclusive, and taper shanks as large as Clark's No. 2 Expansive Bit.

No.	Sweep	Each
813	10 inches	**$8.70**
	12 inches	**9.05**
	14 inches	**9.65**
	16 inches	**13.35**

Extra Jaws, **$0.90** per pair.

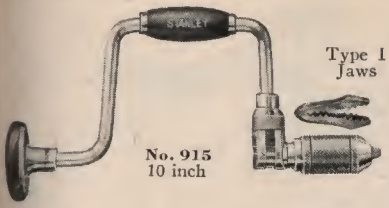
Concealed Ratchet—Universal Jaws

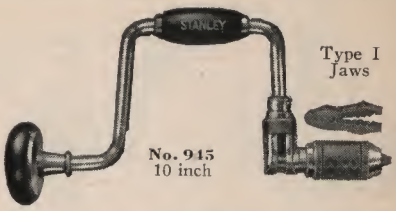
The concealed ratchet protects the user's hands, keeps out dust and grit, and retains the lubricant. An excellent brace for the particular tool user. Nickel plated mirror finish. Metal-clad, bronze bushed, ball bearing head. Cocobolo head and handle. Forged universal jaws take round bits and drills from ⅛ to ½ inch, inclusive, and taper shanks as large as Clark's No. 2 Expansive Bit.

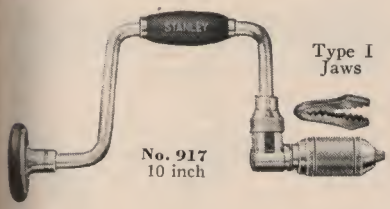
No.	Sweep	Each
921	8 inches	**$8.25**
	10 inches	**8.30**
	12 inches	**8.60**

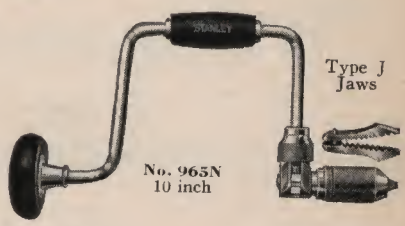
Extra Jaws, **$0.90** per pair.

Extra Parts are Shown on Page 181









Stanley Ratchet Bit Braces

Strong, well made Bit Braces with features you would expect to find only in much higher priced tools—ball bearing heads, heavy steel chucks, and many other features.

No. 915

Nickel plated, mirror finish. Steel clad, bronze bushed, ball bearing head. Cocobolo head and handle. Spring alligator jaws, of malleable iron, hold all ordinary square taper shank bits and small and medium size drills.

No.	Sweep	Each
915	8 inches	**$6.25**
	10 inches	**6.25**
	12 inches	**6.60**

No. 917

Box ratchet. Nickel plated, mirror finish. Steel clad, bronze bushed, ball bearing head. Native hardwood head and handle finished black. Spring alligator jaws of malleable iron hold all ordinary square taper shank bits and small and medium size drills.

No.	Sweep	Each
917	10 inches	**$6.30**

No. 945

The most popular brace in its price class. Nickel plated, mirror finish. Ball bearing head. Native hardwood head and handle. Spring alligator jaws made from malleable iron hold all ordinary square taper shank bits and small and medium size drills.

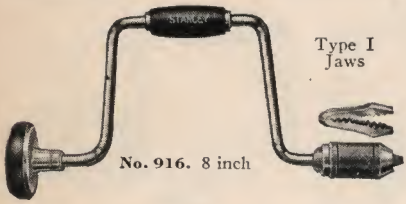
No.	Sweep	Each
945	8 inches	**$4.75**
	10 inches	**4.80**
	12 inches	**5.10**

Nos. 965N and 965

Sturdy construction, together with the low price make these braces serviceable tools. Ball bearing head. Large steel chuck. Hardwood head and handle. Alligator jaws hold all ordinary size square taper shank bits.

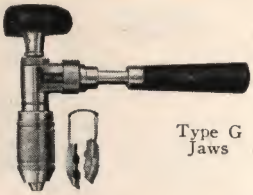
Sweep	No. 965N Nickel Plated	No. 965 Polished
8 in.	**$3.50**	——
10 in.	**3.50**	**$3.20**
12 in.	**3.75**	**3.45**

Extra Jaws: for Nos. 915, 917 and 945 are $0.70 Per Pair; for Nos. 965N and 965 $0.40 Per Pair. Parts are Shown on Page 181

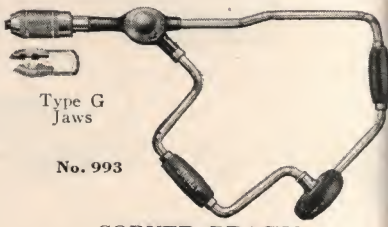


No. 916. 8 inch

No. 966. 10 inch



No. 984



No. 993

NON-RATCHET BIT BRACES

Sleeve Braces

Highest Quality

If your work does not require a ratchet, a Sleeve Brace will fit your requirements. Nickel plated, mirror finish. Bronze bushed, ball bearing head with steel clad Cocobolo head and handle. Spring alligator jaws of malleable iron.

No.	Sweep	Each
916	8 inches	**$4.80**

Low Priced

An inexpensive Bit Brace for the occasional user. Ball bearing head. Native hardwood head and handle. Cast, pin type, alligator jaws.

No.	Sweep	Each
966	8 inches	**$2.20**
	10 inches	**2.20**

CORNER BRACES

For electricians, plumbers, gas fitter and others who have occasion to wor close to perpendicular surfaces, in cor ners etc. Nickel plated mirror finisl Cocobolo heads and handles, heavy stee rods and heavy steel chucks.

No. 984 Short Brace

Knurled ring is operated by thum and finger. Slabbed side on head enable user to place brace close to perpen dicular surfaces. Universal jaws hold round shank bits and drills up to an including ½ inch, and taper shanks a large as Clark's No. 2 Expansive Bi

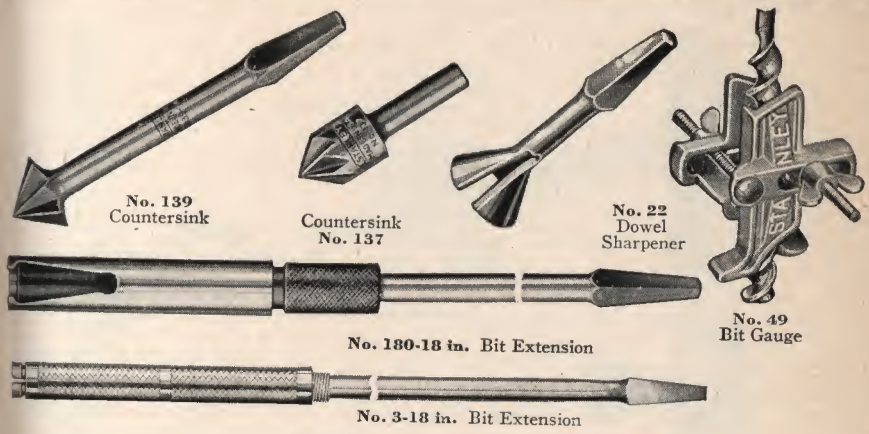
No.	Height	Eac
984	7 inches	**$9.7**

No. 993

The gear frame is made of phosphe bronze. Gears are beveled and the teet carefully cut. Mechanism is enclosed t protect it from dirt. Universal jaw hold round shank bits and drills up t and including ½ inch, and taper shank as large as Clark's No. 2 Expansiv Bits.

No.	Sweep	Eac
993	9 inches	**$14.4**

Extra Parts are Shown on Page 181



No. 139 Countersink

Countersink No. 137

No. 22 Dowel Sharpener

No. 49 Bit Gauge

No. 180-18 in. Bit Extension

No. 3-18 in. Bit Extension

Stanley Boring Tools

Highest quality. Worthy companions for your Stanley Bit Brace.

Countersinks

Rose type for wood or metal. High quality tool steel, hardened and tempered. The cutting edges are clean and sharp. Polished finish.

FOR USE IN TWO JAW CHUCKS

No. 139G has a depth gauge.

No.	Cutting Edge	Length	Each
139	¾ in.	4 in.	**$0.75**
139G	¾ in.	4 in.	**.95**

FOR USE IN THREE JAW CHUCKS

No.	Cutting Edge	Length	Each
137	½ in.	1⅝ in.	**$0.40**

Bit Gauge

Can be used on any size bit up to one inch in diameter. Can be set to bore to any depth required. Nickel plated.

No.		Each
49	Length 2½ in.	**$1.05**

Dowel Sharpener

For chamfering the ends of dowels. Malleable iron. Polished. Cutting edge can be readily resharpened.

No.		Each
22	Length 3 in.	**$1.00**

Bit Extensions

They extend a bit so that the user can bore through walls and floors.

No. 180

Will follow an 11/16 inch bit. Bit capacity 1 inch.

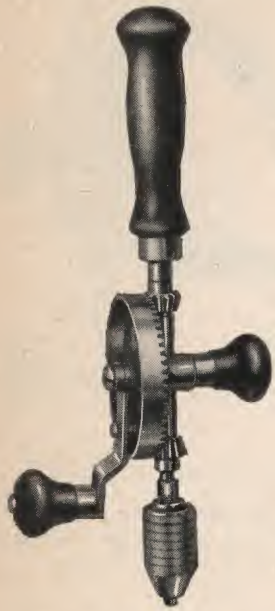
An exceptionally strong tool. One piece shank and socket, hardened and tempered. Nut and knurled Wrench are case hardened. Sleeve is one piece of seamless steel tubing. Nickel plated.

Length	Each
12 in.	**$3.45**
18 in.	**3.50**
24 in.	**3.70**

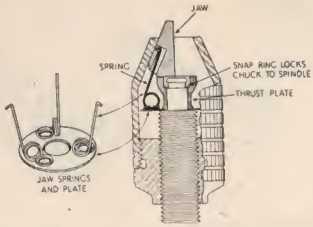
No. 3

Will follow an 11/16 inch bit. Bit capacity 13/16 inch. Jaws are of two piece construction, drop forged and tempered, and held in position by two springs. Sleeve and nut are seamless steel tubing. Nickel Plated.

Length	Each
18 in.	**$3.50**
24 in.	**3.70**



No. 617—¼"
Capacity



New Chuck Design for No. 617
Hand Drill

No.
626
⅜"
Capacity

Stanley Hand Drills

Solid Handle—Protected Jaw Spring Chuck

Features:—

1. Heavy Duty Chuck with three hardened tool ste
   Jaws.
2. Protected Jaw Springs hook into jaws in such a wa
   that the drill point cannot jam or bend the spring.
3. Chuck is locked on spindle, opens to capacity a
   stops.
4. All steel frame provides light weight and unusu
   strength.
5. Grey Iron Gear and Steel Pinions assure long life.
6. Gear and Pinion Teeth are machine cut and pitched for easy operation.
7. Double Pinions—idler pinion balances speed gear and assures smooth operatio

Heavy Duty—¼ Inch Capacity
3½ Inch Solid Speed Gear

Large comfortable handle and detachable side knob are maple, lacquered red. Bright steel parts are polished and nickel plated. Gear lacquered black with nickel plated rim.

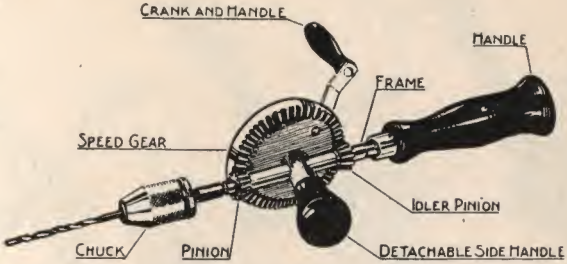
No.	Length	Each
617	12 in.	**$5.65**

Heavy Duty—⅜ Inch Capacity
4 Inch Solid Speed Gear

Large comfortable handle and detac
able side knob are maple, lacquer
black. Bright steel parts are polish
and nickel plated. Orange lacquer
gear with black trim.

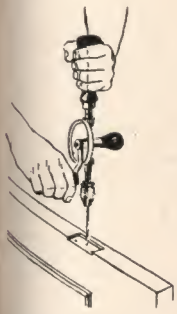
No.	Length	Ea
626	13 in.	**$6.**

Repair Parts are Shown on Page 183



THE ILLUSTRATION IS OF STANLEY HAND DRILL No. 617 — ¼" CHUCK

Use the hand drill for the rapid drilling of small holes, in wood and metal. Holes in wood should be started with an awl to help center and locate the drill. Holes in metal should be center punched. When drilling through metal, relieve the pressure slightly before breaking through, to avoid breaking the drill.



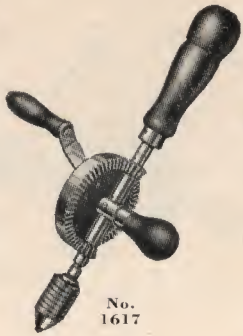
Hold the drill steady in the direction desired and exert an even pressure; turn the crank at a constant speed and not too fast.

To place the drill in the chuck, open it only slightly more than the diameter of the drill. This helps to center it. Insert the drill. Tighten the chuck by pushing forward on the crank with the right hand, while holding the chuck shell tight with the left thumb and fore finger.

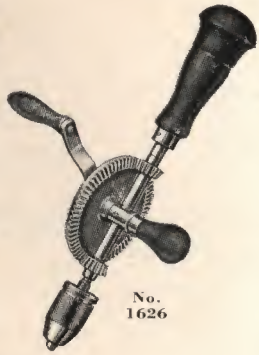
To drill holes of uniform depth, make a depth gauge. Cut a piece of wood or dowel the right length, so the drill will project the desired depth when the piece of wood is drilled and slipped over the drill.

It is sometimes desirable to hold the drill by the side handle and press the body against the frame handle like a breast drill.

No. 624



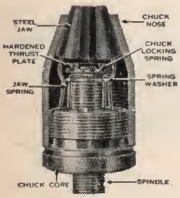
No. 1617



No. 1626

Stanley Hand Drills

Eight Drill Points (Sizes 4/64 to 11/64") in Hollow Handle—Protected Jaw Spring Chuck



Features:—

1. Hollow Handle with screw cap, contains 8 drill points, size 4/64 to 11/64 inches.
2. Heavy Duty Chuck with three hardened tool steel Jaws.
3. Protected Jaw Springs hook into jaws in such a way that the drill point cannot jam or bend the spring.
4. Chuck is locked on spindle. Chuck opens to capacity and stops.
5. All steel frame provides light weight and unusual strength.
6. Grey Iron Gear and Steel Pinions assure long life.
7. Gear and Pinion Teeth are machine cut and pitched for easy operation.
8. Double Pinions—idler pinion balances speed gear and assures smooth operation.
9. Heavy offset crank and "Hand Size" Crank Handle protect the fingers.
10. Long comfortable Handle.

Heavy Duty—3/8 Inch Capacity
4 Inch Speed Gear

Malleable iron parallel sided frame. Double pinions. Detachable side knob. Frame and gear finished in dull black, with nickel plated trim. Red lacquered hardwood handles.

No.	Length	Each
624	13¾ in.	**$6.75**

Heavy Duty—1/4 Inch Capacity
3½ Inch Solid Speed Gear

Tropical hardwood handle and detachable side knob. Bright steel parts are polished and nickel plated. Orange lacquered gear with black trim.

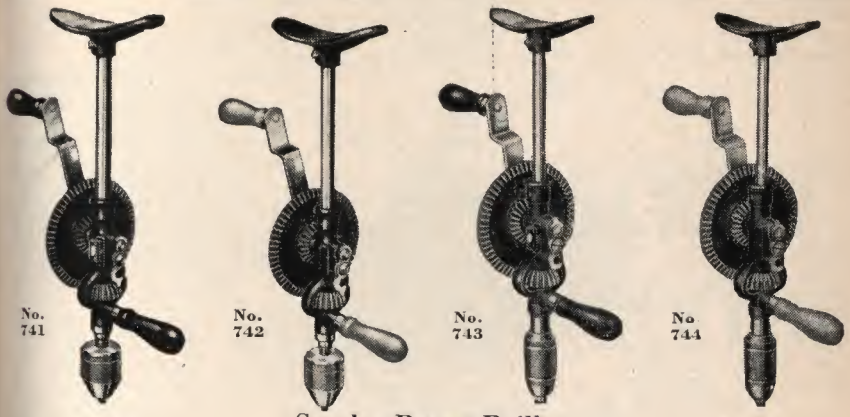
No.	Length	Each
1617	11½ in.	**$6.15**

Heavy Duty—3/8 Inch Capacity
4 Inch Solid Speed Gear

Black hardwood handle and detachable side knob. Bright steel parts are polished and nickel plated. Orange lacquered gear with black trim.

No.	Length	Each
1626	12½ in.	**$6.50**

Repair Parts are Shown on Page 183



Stanley Breast Drills

Features:

Strong, sturdy and smooth in action.
Two speeds changed by shifting large gear.
Breast plate is adjustable.
Grey iron gear and steel pinion insure long wearing qualities.
Outer teeth on gear and pinion teeth are machine cut for smooth operation.
Ball thrust bearings insure easier operation on heavy work.
Black hardwood handles, black finish frames.

Three Jaw Chucks

High quality drills with iron frame, steel shank. Three jaw chuck fitted with hardened tool steel jaws. Capacity: round shank twist drills up to and including ½ inch.

No. 741

Handle crank can be set for 8, 10 or 12 in. sweep. Equipped with level assembly on frame. Large gear dull black finish. Shank, handle crank, chuck shell and other metal trim nickel plated.

No.		Each
741	16 in. long	**$9.05**

No. 742

Gear is finished black. Bright steel shank, handle crank, chuck shell, etc. Crank handle and side handle natural wood finish.

No.		Each
742	16 in. long	**$7.55**

Universal Jaws

Husky drill with universal jaws that take straight shank bits and drills from ⅛ to ½ in. inclusive and taper shanks as large as Clark's No. 2 Expansive Bit. Level assembly on frame. Handle crank can be set for 8, 10 or 12 in. sweep. Iron frame, steel shank. Large gear finished dull black with nickel plated trim. Wood side handle and crank handle red finish.

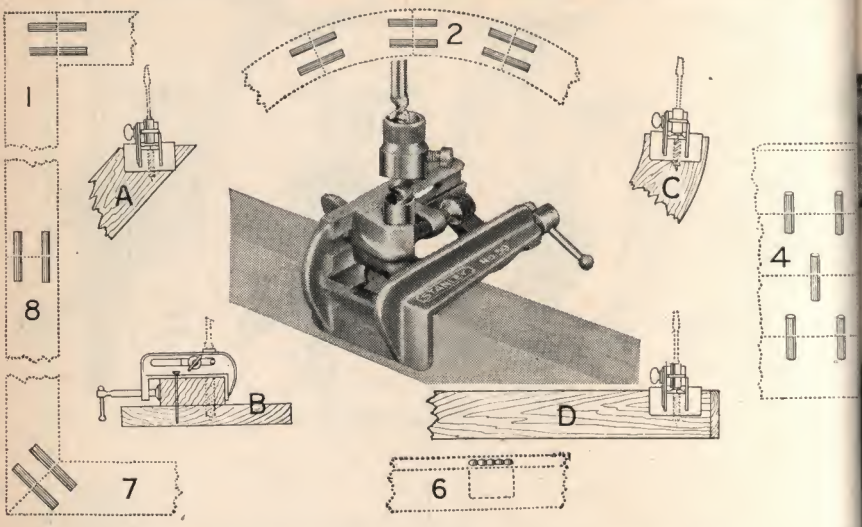
No.		Each
743	16 in. long	**$9.05**

Alligator Jaws

Iron frame, steel shank. Alligator jaws hardened and tempered will hold all ordinary size taper shank bits. Gear finished dull black with nickel plated trim. Wood crank handle and side handle natural finish.

No.		Each
744	16 in. long	**$7.55**

Repair Parts are Shown on Page 182



New Improved Design! Stanley Doweling Jig

A handy tool for all woodworkers and an essential tool for cabinet makers. It enables you to bore dowel holes in the edge, end or surface of work with ease and accuracy. It can be used to make butted corners, mitred joints, butted joints and is an excellent guide for mortising. It will take any thickness of material up to 2⅞ in. Nickel plated finish.

Graduations on top permit direct reading and accurate setting of Jig to center line of work. For best results, Russell Jennings Auger Bits are recommended for use with the Stanley Jig.

Depth Gauge can be used with or without the Jig. When used with the Jig, the Gauge should be applied on bit as shown above. Used without the Jig position of the Gauge should be reversed.

Fig. A—Proper way of attaching Jig to bore dowel holes on mitred or special work.

Fig B—Method used to bore dowel holes in the surface of a board. A temporary block is nailed to the board as illustrated.

Fig. C—Jig attached to dowel segments of circle.

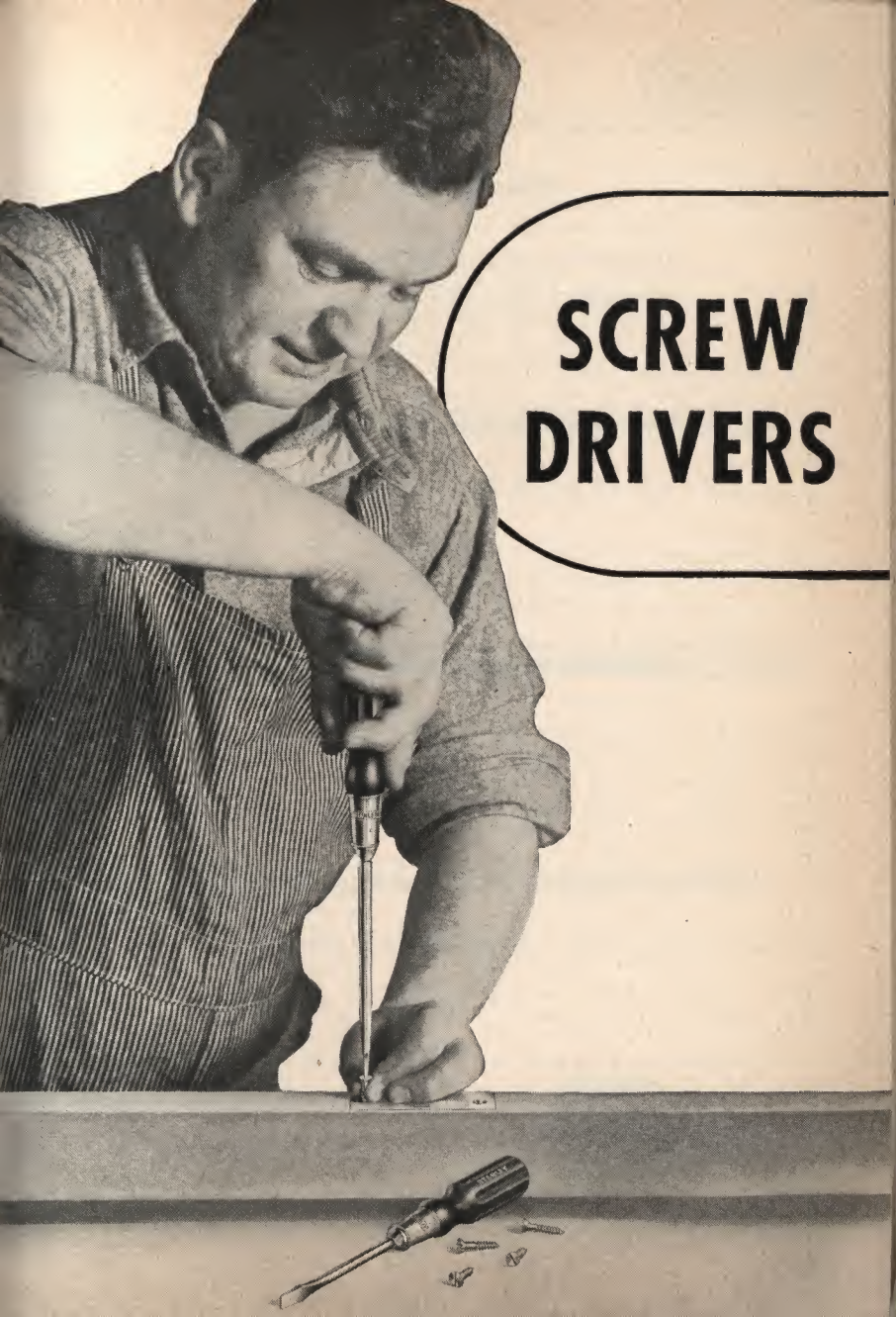
Fig. D—Setting of the Jig for all ordinary doweling.

Figs. 1 to 8 show various forms of work where the Jig can be used to good advantage.

No.		Price
59	with 6 Guides: 3/16, ¼, 5/16, ⅜ 7/16, ½ in.	**$4.60** Each
	Other Guides available: 9/16, ⅝, ¾ in.	**.35** Each
	Complete set of 9 Guides	**2.60** Set

(For Dowling Machine, see Page 115)

SCREW DRIVERS



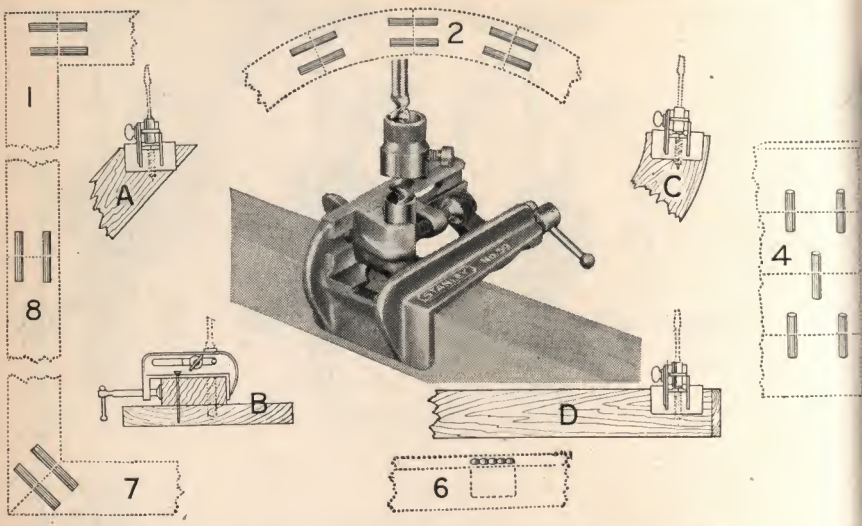


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Fig. A—Proper way of attaching Ji to bore dowel holes on mitred or speci work.

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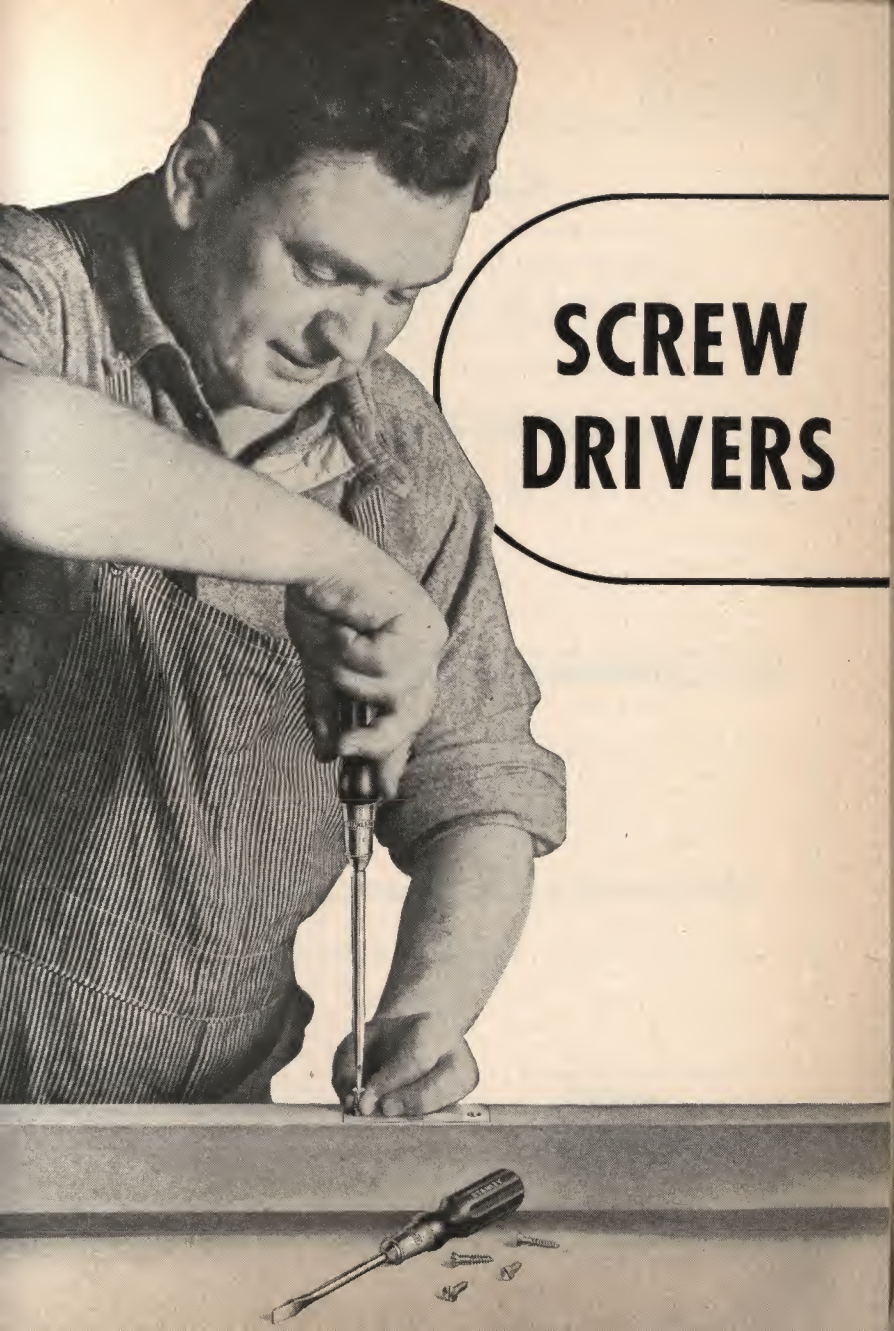
Fig. C—Jig attached to dowel seg ments of circle.

Fig. D—Setting of the Jig for a ordinary doweling.

Figs. 1 to 8 show various forms o work where the Jig can be used to goo advantage.

No.		Price
59	with 6 Guides: 3/16, ¼, 5/16, ⅜ 7/16, ½ in.	**$4.60** Eac
	Other Guides available: 9/16, ⅝, ¾ in.	**.35** Eac
	Complete set of 9 Guides	**2.60** Set

(For Dowling Machine, see Page 115)



SCREW DRIVERS

Stanley Screw Drivers

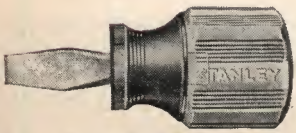
With

"Stanloid" Handles—Special Analysis Alloy Steel Bars Combine a Tip and Bar of the Utmost Quality with a Handle that is practically Unbreakable

No. 1006-6 in. Standard Blade

No. 1007-6 in. Square Blade

No. 1008-6 in. Small Blade



No. 1009. Close Quarter

No. 1010. Pocket

No. 1017. Instrument

Stanley Screw Drivers

Combine a Tip and Bar of the Utmost Quality with a Handle that is practically Unbreakable

The highly polished Blades are forged from special analysis alloy steel proved by ests and use to be the best for screw drivers.

A Bolster forged integral with the blade adds massiveness at the right point to trengthen the bar against prying strains. Continued pounding will not budge it or drive the blade up into the handle.

The Tips are hot forged and carefully heat treated for toughness; specially tapered o give maximum strength, and accurately machine cross-ground to size—they hold in crew slots.

"Stanloid", two tone amber colored handles, "satin" grip with nose finished black. Made from a slow-burning plastic—one of the toughest non-metallic substances known. They are practically break-proof and shock-proof, and they will not soak up oil or vater.

Standard Blade and Tip

Heavy round blade—8 and 12 inch sizes have a nut shaped bolster.

No.	Blade	Bar	Overall	Each
006	4 in.	¼ in.	7¾ in.	$1.00
	6 in.	5/16 in.	10¼ in.	1.30
	8 in.	⅜ in.	13 in.	1.70
	12 in.	7/16 in.	17⅝ in.	2.35

Small Blade—Parallel Sided Tip

For electrical work, cabinet work and similar ses. 1016 is a light adjusting screw driver.

No.	Blade	Bar	Overall	Each
008	3 in.	3/16 in.	6⅞ in.	$0.90
	6 in.	3/16 in.	9½ in.	.95
	10 in.	3/16 in.	13⅜ in.	1.05
016	3 in.	9/64 in.	3⅞ in.	.50

Close Quarters Drivers

Handy little screw drivers for adjusting head ights, tightening markers, changing windshield ipers, etc. They are very useful for machinists and other mechanics for working in lose quarters.

No.	Blade	Diam. Handle	Diam. Bar	Each
009	1¾ in.	1¼ in.	¼ in.	$0.75
012	1 in.	1¼ in.	¼ in.	.65
013	1 in.	⅞ in.	7/32 in.	.50

Square Blade

Blade can be gripped with a wrench or pair of pliers when turning stubborn or heavy screws.

No.	Blade	Bar	Overall	Each
1007	4 in.	¼ in.	7¾ in.	$1.15
	6 in.	5/16 in.	10¼ in.	1.55
	8 in.	⅜ in.	13 in.	2.05
	10 in.	⅜ in.	15 in.	2.25
	12 in.	⅜ in.	17⅝ in.	2.50

Pocket Driver With Clip

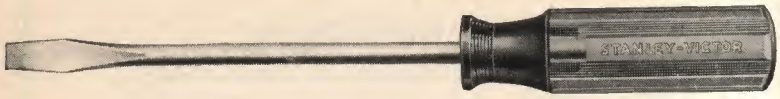
Novel and practical—it will turn a good size screw; yet it is small enough to carry in the vest pocket. Nickel plated blade.

No.	Blade	Bar	Overall	Each
1010	2 in.	⅛ in.	4 in.	$0.25

Instrument Screw Driver

For turning small screws on eye glass frames, gun sights, locks, clocks, radios, electrical appliances and in fact all small screws. Amber colored handle, hexagon shape, nickel plated blade.

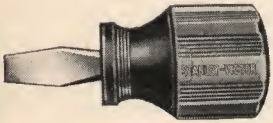
No.	Blade	Bar	Overall	Each
1017	1½ in.	1/16 in.	2⅞ in.	$0.20



No. 2006 Standard Blade

No. 2007 Square Blade

No. 2008 Electricians



No. 2012

No. 2010 Pocket

Stanley "Victor" Screw Drivers

With Shatter-Proof Plastic Handles and Alloy Steel Blades

Handles are made of a slow burning plastic that is practically breakproof and shock proof and it will not soak up oil or water. Blades are forged from alloy steel, correctly hardened and tempered, and locked in the handles by heavy wings on the tang of the blade. Tips are accurately machine cross ground to size. Full polished blades. Two tone amber colored handles—upper portion non-slip finish, nose portion finished black.

Round Blade

No.	Blade	Bar	Overall	Each
2006	4 in.	1/4 in.	7 1/2 in.	**$0.75**
	6 in.	5/16 in.	9 7/8 in.	**1.05**
	8 in.	3/8 in.	12 1/2 in.	**1.40**

Square Blade

No.	Blade	Bar	Overall	Each
2007	4 in.	1/4 in.	7 1/2 in.	**$0.95**
	6 in.	5/16 in.	9 7/8 in.	**1.20**
	8 in.	3/8 in.	12 1/2 in.	**1.60**
2017	6 in.	1/4 in.	9 7/8 in.	**1.15**

Electricians' Round Blade

No.	Blade	Bar	Overall	Each
2008	3 in.	3/16 in.	6 1/4 in.	**$0.6**
	6 in.	3/16 in.	9 1/4 in.	**.7**
	10 in.	3/16 in.	13 3/8 in.	**.8**

Pocket Size with Clip Nickel Plated

No.	Blade	Bar	Overall	Each
2010	2 in.	1/8 in.	3 7/8 in.	**$0.2**

"Close Quarter"

No.	Blade	Bar	Overall	Each
2012	1 1/4 in.	1/4 in.	3 1/8 in.	**$0.6**

No. 1001. Standard Blade

No. 1003. Small Blade

Stanley "100 Plus" Screw Drivers

Alloy Steel Bars

Extra Strong Wood Handled Screw Drivers

Blades are forged from alloy steel and are oil tempered their entire length. Heavy wings on tang of blade make it impossible for blade to twist in handle. Ferrules are driven on under pressure, confining the wood fibres about the tang. Tips are machine cross ground to size, assuring a non-slip fit in screw slots.

Handle of No. 1001 is shaped from pre-shrunk hickory and capped with hard leather washers to withstand pounding. No. 1003's have maple handles.

Mahogany red stained, lacquered handles. Highly polished blades.

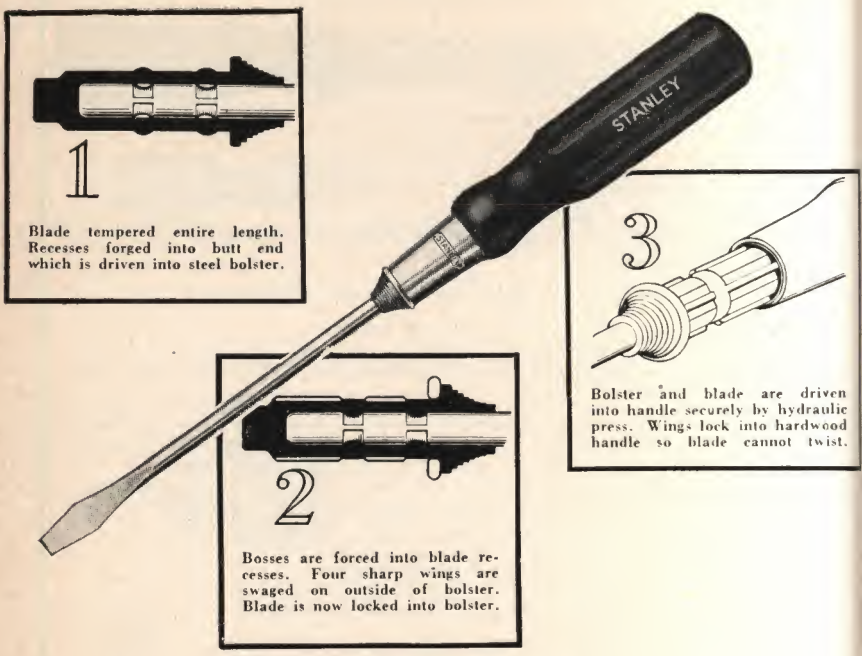
Standard Blade and Tip

No.	Blade	Bar	Overall	Each
1001	3 in.	1/4 in.	7 in.	**$0.95**
	4 in.	1/4 in.	9 in.	**1.00**
	5 in.	5/16 in.	11 in.	**1.10**
	6 in.	5/16 in.	12 in.	**1.15**
	8 in.	3/8 in.	14 3/4 in.	**1.30**
	10 in.	7/16 in.	16 3/4 in.	**1.45**
	12 in.	7/16 in.	18 3/4 in.	**1.70**

Small Blade, Parallel Sided Tip

A quality screw driver for electricians, auto mechanics, and cabinet makers. Selected maple handles.

No.	Blade	Bar	Overall	Each
1003	3 in.	3/16 in.	7 1/2 in.	**$0.70**
	4 in.	3/16 in.	8 1/4 in.	**.70**
	5 in.	3/16 in.	9 3/8 in.	**.70**
	6 in.	3/16 in.	10 1/4 in.	**.80**
	8 in.	3/16 in.	12 1/4 in.	**.85**
	10 in.	3/16 in.	13 5/8 in.	**1.00**
	12 in.	3/16 in.	15 5/8 in.	**1.05**



Stanley Screw Drivers

Bolster Type Construction—Alloy Steel Bars

The patented bolster construction makes a better insulated Screw Driver for electricians, auto mechanics and others. It also makes it possible to temper the blade its entire length, providing greater strength. Tips are carefully forged and accurately machine crossground to size. Handles are deeply fluted for a good grip and finished a satin black. Blades are highly finished.

Standard Blade and Tip

No.	Blade	Bar	Overall	Each
25	2½ in.	7/32 in.	6½ in.	**$0.60**
	3 in.	7/32 in.	7½ in.	**.65**
	4 in.	¼ in.	9 in.	**.70**
	5 in.	5/16 in.	10¾ in.	**.75**
	6 in.	5/16 in.	11¾ in.	**.75**
	8 in.	⅜ in.	15 in.	**1.05**
	10 in.	⅜ in.	17 in.	**1.10**
	12 in.	⅜ in.	19 in.	**1.35**

No. 55. 6 in. Small Blade

No. 45. 6 in. Small Blade

No. 146. 6 in. Small Blade and Handle

Stanley Screw Drivers

All these drivers have the bolster type construction and alloy steel bars. Parallel sided tips will follow a countersunk screw without marring the work. Tips are machine crossground. Hardwood handles are deeply fluted and finished black.

Small Blade—Flared Tip

Particularly handy for electrical work. Blades are of small stock with tips in proportion. Handles are short and narrow.

No.	Blade	Bar	Overall	Each
55	1½ in.	3/16 in.	4⅛ in.	**$0.50**
	2½ in.	3/16 in.	6¼ in.	**.55**
	3 in.	3/16 in.	7¼ in.	**.55**
	4 in.	3/16 in.	8½ in.	**.55**
	5 in.	3/16 in.	9⅜ in.	**.60**
	6 in.	3/16 in.	10⅜ in.	**.65**
	8 in.	3/16 in.	12¼ in.	**.75**
	10 in.	3/16 in.	14½ in.	**.95**
	12 in.	3/16 in.	15½ in.	**1.05**

Small Blade—Parallel Sided Tip

Sides of tips are parallel and of the same width as the diameter of the blade so that a countersunk screw can be followed without marring the work.

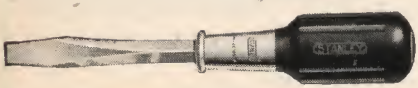
No.	Blade	Bar	Overall	Each
45	1½ in.	3/16 in.	4⅛ in.	**$0.50**
	2½ in.	3/16 in.	6⅞ in.	**.55**
	3 in.	3/16 in.	7¼ in.	**.55**
	4 in.	3/16 in.	8¼ in.	**.55**
	5 in.	3/16 in.	9⅜ in.	**.60**
	6 in.	3/16 in.	10½ in.	**.65**
	8 in.	7/32 in.	13 in.	**.75**
	10 in.	7/32 in.	14¾ in.	**.85**
	12 in.	7/32 in.	16¾ in.	**.95**
245	8 in.	3/16 in.	13 in.	**.80**
	10 in.	3/16 in	15 in.	**.85**

Small Blade and Handle—Parallel Sided Tips

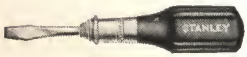
Thin blades especially adapted for work on typewriters, instruments, business machines, radios, light machinery, etc.

No.	Blade	Bar	Overall	Each
146	1½ in.	9/64 in.	4¼ in.	**$0.50**
	3 in.	9/64 in.	7 in.	**.55**
	4 in.	9/64 in.	8 in.	**.55**
	5 in.	9/64 in.	9 in.	**.65**
	6 in.	9/64 in.	10 in.	**.70**
	8 in.	9/64 in.	12 in.	**.75**

No. 20. Standard Blade



No. 52. Square Blade



No. 21. "Baby"

Stanley "Hurwood" Screw Drivers

Blade, Shank and Head are Hot Forged from One Piece of Alloy Steel

Note in the Sectional view that the blade goes all the way through the handle and i locked in place by a rivet that goes through the ferrule, handle and blade. The tip are carefully formed, hardened, toughened and machine crossground to size. Th hardwood handles are deeply fluted and finished a satin black. The blades are highl finished.

Standard Blade and Tip

The favorite with artisans for more than a quarter of a century. 18 in. size has a double grip handle.

No.	Blade	Bar	Overall	Each
20	2½ in.	7/32 in.	6½ in.	**$0.65**
	3 in.	7/32 in.	8 in.	**.70**
	4 in.	¼ in.	9 in.	**.75**
	5 in.	5/16 in.	10½ in.	**.75**
	6 in.	5/16 in.	11¾ in.	**.80**
	8 in.	⅜ in.	15 in.	**1.10**
	10 in.	⅜ in.	17 in.	**1.25**
	12 in.	⅜ in.	19 in.	**1.45**
	18 in.	½ in.	27¼ in.	**2.70**

Baby-Cabinet Blade

4⅛ inches overall, yet it will turn good size screw. Bolster construction

No.	Blade	Bar	Overall	Eac
21	1½ in.	3/16 in.	4⅛ in.	**$0.5**
31	(Same as No. 21)			

Machinists' Extra Heavy Square Blade

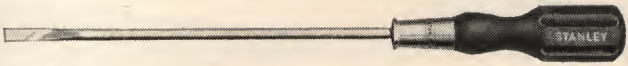
Used for heavy work where a lon driver cannot be used conveniently.

No.	Blade	Bar	Overall	Eac
51	1¾ in.	5/16 in.	5½ in.	**$0.9**
52	3½ in.	⅜ in.	7⅞ in.	**1.1**

Sectional view showing one piece blade an head of "Hurwood" Screw Drivers.

No. 70. Standard Blade and Tip

No. 75. Parallel Sided Tip



No. 77. Cabinet Tip.

Stanley Screw Drivers

High Quality Medium Priced Drivers

Highly polished, correctly tempered blades of superior steel with tips accurately machine cross-ground to size. Two ears on the shank and a pin through the ferrule handle and shank, lock the blade in the handle. Handles of Nos. 70 and 75 are dark red with natural color flutes. On No. 77 handles are glossy red.

Standard Blade and Tip

No.	Blade	Bar	Overall	Each
70	2½ in.	7/32 in.	6½ in.	**$0.50**
	3 in.	7/32 in.	8 in.	**.50**
	4 in.	¼ in.	9 in.	**.55**
	5 in.	5/16 in.	10½ in.	**.55**
	6 in.	5/16 in.	11¾ in.	**.65**
	8 in.	⅜ in.	15 in.	**.90**
	10 in.	⅜ in.	17 in.	**.95**
	12 in.	⅜ in.	19 in.	**1.10**

Narrow Blade and Handle

Cabinet Tip. Designed for light work.

No.	Blade	Bar	Overall	Each
77	1½ in.	3/16 in.	4⅛ in.	**$0.40**
	3 in.	3/16 in.	6½ in.	**.45**
	4 in.	3/16 in.	7½ in.	**.45**
	5 in.	3/16 in.	8½ in.	**.50**
	6 in.	3/16 in.	9½ in.	**.50**
	8 in.	3/16 in.	11½ in.	**.55**

Parallel Sided Tip

It will follow a countersunk screw without marring the work.

No.	Blade	Bar	Overall	Each
75	3 in.	7/32 in.	7½ in.	**$0.50**
	4 in.	¼ in.	9 in.	**.50**
	5 in.	¼ in.	10 in.	**.50**
	6 in.	¼ in.	12 in.	**.60**
	8 in.	¼ in.	13 in.	**.70**
	10 in.	¼ in.	15 in.	**.85**

No. 171-5 in. Standard Blade

No. 270-5 in. Standard Blade

No. 80-5 in. Standard Blade and Tip

Stanley Screw Drivers

Made right and priced right for the occasional tool user. All have tempered steel blades with tips accurately machine cross ground to size. The hardwood handles are comfortably shaped and deeply fluted for a good grip.

Standard Blade and Tip

Blade extends through handle and is capped with steel head. Shank, handle and ferrule are securely pinned together. Tips are machine cross ground to size. Handles are full size, shaped and fluted to fit the hand, and have a dark red finish with natural color flutes.

No.	Blade	Bar	Overall	Each
171	2½ in.	7/32 in.	6½ in.	$0.55
	3 in.	7/32 in.	8 in.	.55
	4 in.	¼ in.	9 in.	.55
	5 in.	5/16 in.	10½ in.	.65
	6 in.	5/16 in.	11¾ in.	.70
	8 in.	⅜ in.	15 in.	1.00
	10 in.	⅜ in.	17 in.	1.10

Standard Blade and Tip

Highly polished blades, anchored in the handles by two ears on the shank and by a rivet through the ferrule, handle and shank. Natural color, lacquered handles.

No.	Blade	Bar	Overall	Each
271	1½ in.	3/16 in.	4 in.	$0.40
270	2½ in.	7/32 in.	6½ in.	.40
	3 in.	7/32 in.	8 in.	.40
	4 in.	¼ in.	9 in.	.40
	5 in.	5/16 in.	10½ in.	.50
	6 in.	5/16 in.	11¾ in.	.55
	8 in.	⅜ in.	15 in.	.70
	10 in.	⅜ in.	17 in.	.85
	12 in.	⅜ in.	18 in.	1.00

Standard Blade and Tip

Polished blades locked in the handles by two ears on the shank of the blade. 15 in. size has the rivet fastening for the blade. Glossy black handles.

No.	Blade	Bar	Overall	Each
80	2½ in.	7/32 in.	6 in.	$0.25
	3 in.	7/32 in.	6½ in.	.25
	4 in.	¼ in.	9 in.	.25
	5 in.	9/32 in.	9¾ in.	.30
	6 in.	9/32 in.	11¼ in.	.35
	8 in.	⅜ in.	14½ in.	.65
	10 in.	⅜ in.	16½ in.	.70
	12 in.	⅜ in.	18½ in.	.85
	15 in.	7/16 in.	22¾ in.	1.05

No. 146. Narrow Blade — Bolster Construction

No. 177. "Radio"

No. 87. Narrow Blade

Stanley Screw Drivers

Narrow blade screw drivers with parallel sided tips the same width as the diameter of the blade. Excellent for working on typewriters, instruments, business machines, radios, light machinery and electrical appliances.

Parallel Sided Tips Bolster Construction

Strong driver with the most reliable screw driver construction-Bolster type. Black hardwood handles fluted for good grip.

No.	Blade	Bar	Overall	Each
146	1½ in.	9/64 in.	4¼ in.	**$0.50**
	3 in.	9/64 in.	7 in.	**.55**
	4 in.	9/64 in.	8 in.	**.55**
	5 in.	9/64 in.	9 in.	**.65**
	6 in.	9/64 in.	10 in.	**.70**
	8 in.	9/64 in.	12 in.	**.75**
245	8 in.	3/16 in.	13 in.	**.80**
	10 in.	3/16 in.	15 in.	**.85**

"Radio" Screw Driver

Blades locked in handle by ears on the shank. Small diameter handles fluted for finger tip grip. Machine crossground tips. Black handles with red finger grip.

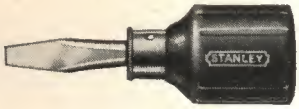
No.	Blade	Bar	Overall	Each
177	2 in.	9/64 in.	5¾ in.	**$0.35**
	3 in.	9/64 in.	6¾ in.	**.35**
	4 in.	9/64 in.	7¾ in.	**.40**
	5 in.	9/64 in.	8¾ in.	**.40**
	6 in.	9/64 in.	9¾ in.	**.40**
	8 in.	9/64 in.	11¾ in.	**.50**

Small Blade and Handle

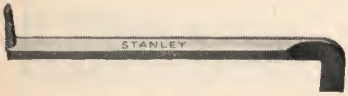
Ball burnished blades securely locked in handles by two ears on the shank of the blade. Tips machine crossground. Fluted hardwood handles, finished red.

No.	Blade	Bar	Overall	Each
87	3 in.	9/64 in.	6⅜ in.	**$0.30**
	4 in.	9/64 in.	7⅜ in.	**.30**
	5 in.	9/64 in.	8⅜ in.	**.35**
	6 in.	9/64 in.	9⅜ in.	**.40**
	8 in.	9/64 in.	11⅜ in.	**.45**

No. 121. "Little Mascot"

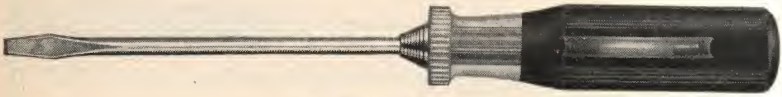


No. 222. Close Quarter



No. 670. Offset

No. 26. Screw Driver Bit



No. 1011. Spark Tester

Stanley Special Screw Drivers

All have machine crossground tips—they hold in screw slots.

"Little Mascots"

For sewing machines, locks, switches, fishing reels, etc. Orange and black handles. Tempered steel, nickel plated blades, locked in the handles by two ears on the shank.

No.	Blade	Bar	Overall	Each
121	1½ in.	⅛ in.	3½ in.	**$0.15**
	3 in.	⅛ in.	5 in.	**.15**

Offset Screw Driver

For driving or loosening screws in tight places. Especially useful on cars and machines. Highest quality forged hexagon bar steel. Nickel Plated.

No.	Stock	Overall	Each
668	5/32 in.	3 in.	**$0.30**
669	¼ in.	4 in.	**.30**
670	5/16 in.	5 in.	**.30**
671	⅜ in.	6 in.	**.35**

Close Quarter Driver

Short, stubby drivers for working in close quarters. Square blades. Red handles.

No.	Blade	Bar	Overall	Each
222	1½ in.	¼ in.	3¾ in.	**$0.40**
223	1⅜ in.	¼ in.	3¾ in.	**.20**

Screw Driver Bits

For driving screws with a Bit Brace. Forged from alloy steel, oil tempered and polished.

No.	Tip	Length	Each
26	3/16 in.	5 in.	**$0.35**
	¼ in.	5 in.	**.35**
	5/16 in.	5 in.	**.35**
	⅜ in.	5 in.	**.45**
	½ in.	5 in.	**.45**

Spark Detecting Screw Drivers

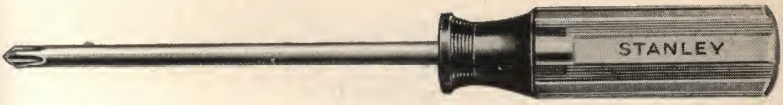
For testing high frequency circuits. When tip is placed on a firing spark plug, distributor, or leak in the ignition wiring, a neon tube flashes an orange light.

Plastic Handle

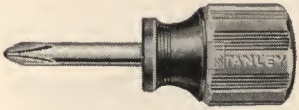
No.	Blade	Bar	Overall	Each
1011	4 in.	3/16 in.	8½ in.	**$1.05**

Pocket Driver With Clip

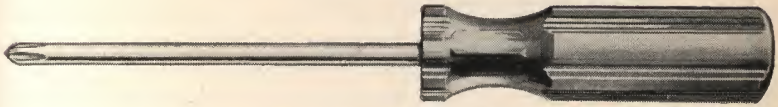
No.	Blade	Bar	Overall	Each
1014	2¼ in.	9/64 in.	5 in.	**$0.70**



No. 2752. Plastic Handle



No. 2762. Stubby



No. 1722. Plastic Handle

Stanley Screw Drivers

For Phillips Screws and Bolts

Phillips Screws—recessed head, self centering screws—are used extensively on manufactured articles and they are being used more and more for home repairs and ordinary jobs. Four sizes will drive the entire range of Phillips Screws and Bolts.

Heavy Duty—Plastic Handle—Alloy Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Handles are made of a slow burning plastic—one of the toughest non-metallic substance known, shaped and fluted for a comfortable grip. No. 2754 made with hexagonal shank.

No.	Size	Blade	Overall Length	Each
2751	1	3 x 9/64 in.	5⅞ in.	**$0.65**
2752	2	4 x ¼ in.	7¾ in.	**.95**
2753	3	6 x 5/16 in.	10⅛ in.	**1.20**
2754	4	6 x ⅜ in. hexagonal shank	11 in.	**1.90**
2762 Stubby	2	1½ x ¼ in.	3½ in.	**.95**

Plastic Handles—Carbon Steel Bars

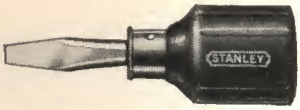
No.	Size	Fits Phillips Screws	Blade	Overall Length	Each
1721	1	No. 4 and smaller	2½ x 9/64 in.	5½ in.	**$0.45**
1722	2	Nos. 5 to 9 inclusive	3½ x ¼ in.	6¾ in.	**.65**
1723	3	Nos. 10 to 16 inclusive	5½ x 5/16 in.	9 in.	**.80**
1724	4	No. 18 and larger	5½ x ⅜ in.	9½ in.	**1.15**

Stubby

1711	1	No. 4 and smaller	1 x 9/64 in.	2¾ in.	**$0.45**
1712	2	Nos. 5 to 9 inclusive	1½ x ¼ in.	3¼ in.	**.60**

Phillip's License No. 1. Phillip's Patents Nos. 2046837-2046840.

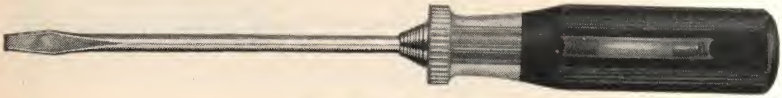
No. 121. "Little Mascot"



No. 222. Close Quarter

No. 670. Offset

No. 26. Screw Driver Bit



No. 1011. Spark Tester

Stanley Special Screw Drivers

All have machine crossground tips—they hold in screw slots.

"Little Mascots"

For sewing machines, locks, switches, fishing reels, etc. Orange and black handles. Tempered steel, nickel plated blades, locked in the handles by two ears on the shank.

No.	Blade	Bar	Overall	Each
121	1½ in.	⅛ in.	3½ in.	**$0.15**
	3 in.	⅛ in.	5 in.	**.15**

Offset Screw Driver

For driving or loosening screws in tight places. Especially useful on cars and machines. Highest quality forged hexagon bar steel. Nickel Plated.

No.	Stock	Overall	Each
668	5/32 in.	3 in.	**$0.30**
669	¼ in.	4 in.	**.30**
670	5/16 in.	5 in.	**.30**
671	⅜ in.	6 in.	**.35**

Close Quarter Driver

Short, stubby drivers for working in close quarters. Square blades. Red handles.

No.	Blade	Bar	Overall	Each
222	1½ in.	¼ in.	3¾ in.	**$0.40**
223	1⅜ in.	¼ in.	3¾ in.	**.20**

Screw Driver Bits

For driving screws with a Bit Brace. Forged from alloy steel, oil tempered and polished.

No.	Tip	Length	Each
26	3/16 in.	5 in.	**$0.35**
	¼ in.	5 in.	**.35**
	5/16 in.	5 in.	**.35**
	⅜ in.	5 in.	**.45**
	½ in.	5 in.	**.45**

Spark Detecting Screw Drivers

For testing high frequency circuits. When tip is placed on a firing spark plug, distributor, or leak in the ignition wiring, a neon tube flashes an orange light.

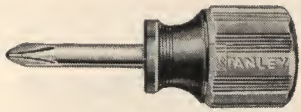
Plastic Handle

No.	Blade	Bar	Overall	Each
1011	4 in.	3/16 in.	8½ in.	**$1.05**

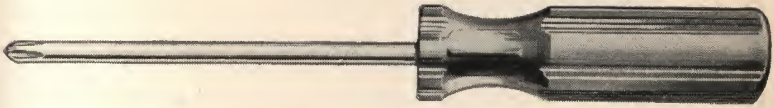
Pocket Driver With Clip

No.	Blade	Bar	Overall	Each
1014	2¼ in.	9/64 in.	5 in.	**$0.70**

No. 2752. Plastic Handle



No. 2762. Stubby



No. 1722. Plastic Handle

Stanley Screw Drivers

For Phillips Screws and Bolts

Phillips Screws—recessed head, self centering screws—are used extensively on manufactured articles and they are being used more and more for home repairs and ordinary jobs. Four sizes will drive the entire range of Phillips Screws and Bolts.

Heavy Duty—Plastic Handle—Alloy Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Handles are made of a slow burning plastic—one of the toughest non-metallic substance known, shaped and fluted for a comfortable grip. No. 2754 made with hexagonal shank.

No.	Size	Blade	Overall Length	Each
2751	1	3 x 9/64 in.	5⅞ in.	**$0.65**
2752	2	4 x ¼ in.	7¾ in.	**.95**
2753	3	6 x 5/16 in.	10⅛ in.	**1.20**
2754	4	6 x ⅜ in. hexagonal shank	11 in.	**1.90**
2762 Stubby	2	1½ x ¼ in.	3½ in.	**.95**

Plastic Handles—Carbon Steel Bars

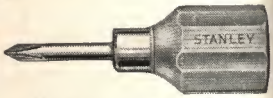
No.	Size	Fits Phillips Screws	Blade	Overall Length	Each
1721	1	No. 4 and smaller	2½ x 9/64 in.	5½ in.	**$0.45**
1722	2	Nos. 5 to 9 inclusive	3½ x ¼ in.	6¾ in.	**.65**
1723	3	Nos. 10 to 16 inclusive	5½ x 5/16 in.	9 in.	**.80**
1724	4	No. 18 and larger	5½ x ⅜ in.	9½ in.	**1.15**
		Stubby			
1711	1	No. 4 and smaller	1 x 9/64 in.	2¾ in.	**$0.45**
1712	2	Nos. 5 to 9 inclusive	1½ x ¼ in.	3¼ in.	**.60**

Phillip's License No. 1. Phillip's Patents Nos. 2046837-2046840.

No. 2501. Heavy Duty

No. 2701. General Use

No. 2732. For Home Use



No. 2711. Close Quarter

Stanley Screw Drivers and Bits
For Phillips Screws and Bolts

These new Stanley Drivers have been designed to fit the recessed heads of Phillips Screws which are used on many of the new automobiles, truck and bus bodies, furniture and other assembled articles too numerous to mention. Mechanics and householders need these Drivers.

Heavy Duty—Wood Handles
Alloy Steel Bars

Strong, "hard face" heat treated bars, highly polished. Wings on the shank of the blade lock the blade in the handle and prevent turning. Satin black, hardwood handles with deep machine cut flutes.

No.	Size	Fits Phillips Screws	Each
2501	1	No. 4 and smaller	**$0.55**
2502	2	Nos. 5 to 9 inclusive	**.60**
2503	3	Nos. 10 to 16 inclusive	**.75**
2504	4	No. 18 and larger	**1.05**
		Stubby	
2511	1	No. 4 and smaller	**$0.55**
2512	2	Nos. 5 to 9 inclusive	**.55**

For General Use—Alloy Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Handles are of hardwood, natural color and deeply fluted.

No.	Size	Fits Phillips Screws	Each
2701	1	No. 4 and smaller	**$0.45**
2702	2	Nos. 5 to 9 inclusive	**.45**
2703	3	Nos. 10 to 16 inclusive	**.65**
2704	4	No. 18 and larger	**.85**

Close Quarter

Short, stubby drivers.

No.	Size	Blade	Overall	Each
2711	1	1 in.	2⅞ in.	**$0.45**
2712	2	1½ in.	3½ in.	**.45**

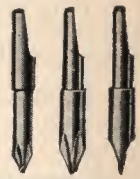
For Home Use—Carbon Steel Bars

Tempered, polished steel blades held in the handles by two ears swaged on the shank. Red lacquered hardwood handles, deeply fluted. These drivers are not recommended for driving sheet metal screws.

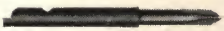
No.	Size	Fits Phillips Screws	Each
2731	1	No. 4 and smaller	**$0.40**
2732	2	Nos. 5 to 9 inclusive	**.40**
2733	3	Nos. 10 to 16 inclusive	**.55**
2734	4	No. 18 and larger	**.65**
		Stubby	
2741	1	No. 4 and smaller	**$0.40**
2742	2	Nos. 5 to 9 inclusive	**.40**

No. 88. Tool Holder

No. 8. Tool Holder



No. 81 No. 82 No. 8035



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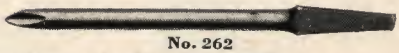


No. 262

Stanley Replaceable Bit Screw Drivers

Drivers that take a Bit tailor-made to drive certain size screws. Bits are available as listed below to drive both Phillips and slotted head screws. Especially useful where case hardened screws are driven—where wear on the tip of the Driver means scrapping the complete tool. With these drivers the Bit can be replaced at small cost. Handy tools for the mechanic and home craftsman.

No. 88—Tool Holder with Magazine Handle. Three Bits, Nos. 81, 82 and 8035 packed in Handle. Natural Finish Hardwood Handle with Aluminum Screw Cap. Overall, 8¼ in. **$1.65** Each.

No. 8—Tool Holder only. Solid Red Hardwood Handle. Chuck is forged as an integral part of tempered alloy steel bar. Overall, 8¼ in. **$0.55** Each.

Bits For Use With Nos. 88 and 8 Tool Holders

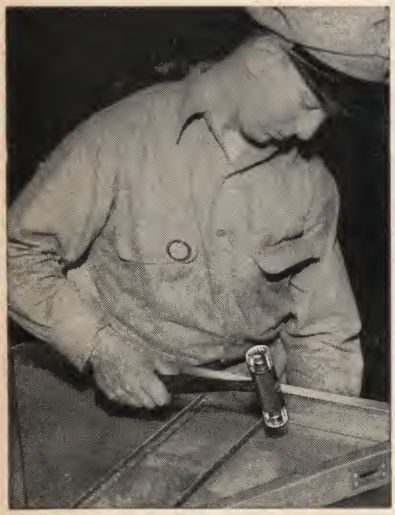
No.	Purpose	Nos.	Each
81	Fits Phillips Screws	4	**$0.25**
82	Fits Phillips Screws	5— 9	**.25**
83	Fits Phillips Screws	10—16	**.25**
84	Fits Reed & Prince Screws		**.25**
85	Fits Reed & Prince Screws		**.25**
8030	Fits Slotted Head Screws	5— 7	**$0.20**
8035	Fits Slotted Head Screws	7— 9	**.20**
8040	Fits Slotted Head Screws	9 and Larger	**.20**

Screw Driver Bits to Drive Phillips Screws

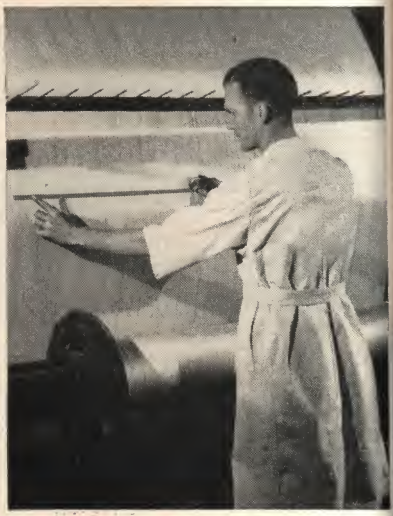
These Bits, designed for use in Bit Braces and Ratchet type screw drivers, are made of highest quality steel to assure maximum wear resistance when driving sheet metal screws. Offered in sizes to fit Phillips Screws and Bolts.

No.	Purpose	Size	Lgth.	Each
261	Bit Brace	1	4½"	**$0.65**
262	Bit Brace	2	4½"	**.65**
263	Bit Brace	3	4½"	**.65**
264	Bit Brace	4	4½"	**.65**
301	Nos. 30, 30A, 130,	1	3¼"	**.50**
302	130A, 62, 620,	2	3¼"	**.50**
303	442, 452 Spiral Drivers	3	3¼"	**.50**
311	Nos. 31, 31A, 131,	1	3¼"	**$0.50**
312	131A, 62, 620,	2	3¼"	**.50**
313	443, 453 Spiral Drivers	3	3¼"	**.50**
321	Nos. 35, 135, 33H,	1	2⅞"	**.50**
322	133H, 67, 670,	2	2⅞"	**.50**
	441, 451 Spiral Drivers			

STANLEY TOOLS ARE USED IN INDUSTRIAL PLANTS

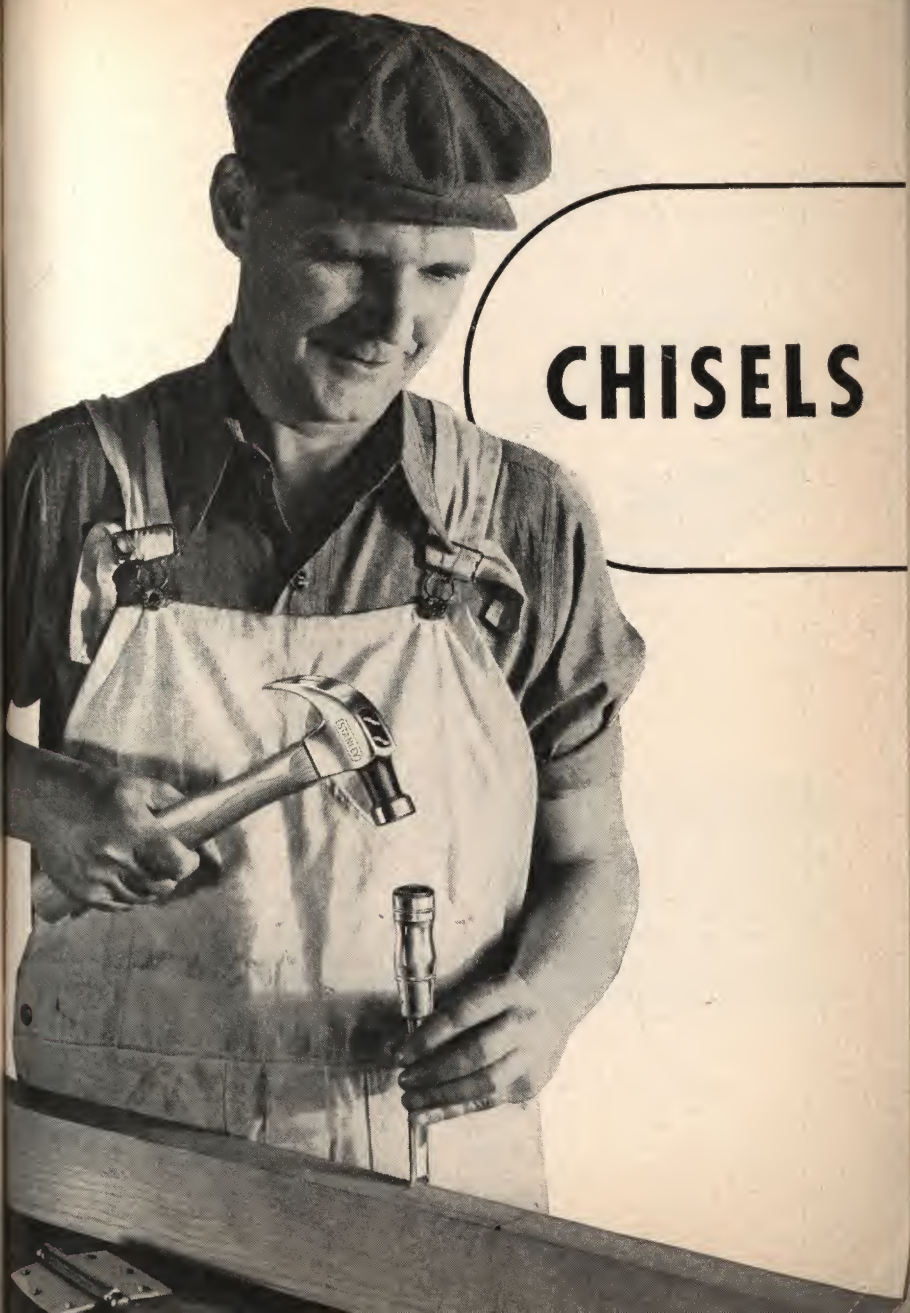


Different sizes of Stanley Soft Face Hammers are used in aircraft manufacture and repair. Shown above, mechanic smooths out dent in plane door.



Quality control inspector uses Stanley "Pull-Push" Rule to check width of warp for glass yarn.

Skilled patternmaker uses Stanley Rabbet Plane to smooth a wood pattern for a special casting.

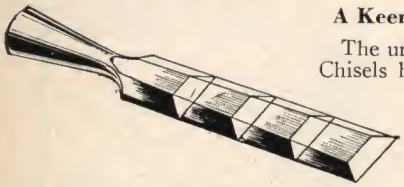


CHISELS

Stanley Socket Chisels

High Quality Chisels at Popular Prices

The blade and socket are forged in one piece (no welded socket) from the finest high carbon chisel steel. Each chisel is carefully heat treated and tempered to hold a keen cutting edge. Before packing the chisels are **individually** tested for correct temper. The Stanley method of grinding assures nicely proportioned bevels with perfectly straight lines. All blades are given a "high color" mirror finish. All Stanley socket chisels have brown mahogany finished handles. All are shaped, to fit the hand, from selected straight grain hickory. Three sole leather washers cemented together protect the wood.



A Keen Cutting Edge at Any Point on the Blade

The uniform temper throughout the blade of Stanley Chisels has long been appreciated by craftsmen. Not only will the blades hold a good cutting edge for a long time, but after years of use, when the blade has been ground and honed down nearly its entire length, this fine cutting edge is just as good.

Bevel Edge Butt—Blades 3¼ Inches Long

No.	Width	Overall	Each
750	⅛ in.	9½ in.	**$1.45**
	¼ in.	9½ in.	**1.45**
	⅜ in.	9½ in.	**1.45**
	½ in.	9½ in.	**1.45**
	⅝ in.	9½ in.	**1.55**
	¾ in.	9½ in.	**1.55**
	⅞ in.	9½ in.	**1.60**
	1 in.	10 in.	**1.65**
	1¼ in.	10 in.	**1.85**
	1½ in.	10 in.	**2.05**
	1¾ in.	10 in.	**2.25**
	2 in.	10¼ in.	**2.55**

No. 740—Bevel Edge Pocket Blades 4½ Inches Long

Width	Overall	Each
¼ in.	12 in.	**$1.55**
⅜ in.	12 in.	**1.60**
½ in.	12 in.	**1.60**
⅝ in.	12 in.	**1.75**
¾ in.	12 in.	**1.75**
⅞ in.	.....	....
1 in.	12 in.	**1.85**
1¼ in.	12 in.	**1.95**
1½ in.	12 in.	**2.15**
2 in.	12½ in.	**2.50**

No. 720—Bevel Edge Firmer Blades 6 Inches Long

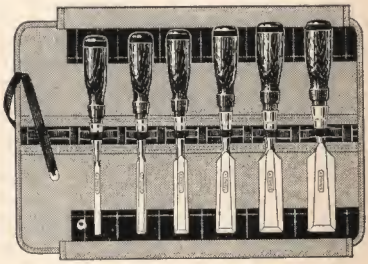
Width	Overall	Each
¼ in.	13 in.	**$1.65**
⅜ in.	13 in.	**1.65**
½ in.	13 in.	**1.65**
⅝ in.	13 in.	**1.80**
¾ in.	13 in.	**1.85**
⅞ in.	13½ in.	**1.95**
1 in.	13½ in.	**1.95**
1¼ in.	13½ in.	**2.20**
1½ in.	13½ in.	**2.50**
2 in.	15 in.	**3.00**

STANLEY SOCKET CHISELS

No. 750

No. 740

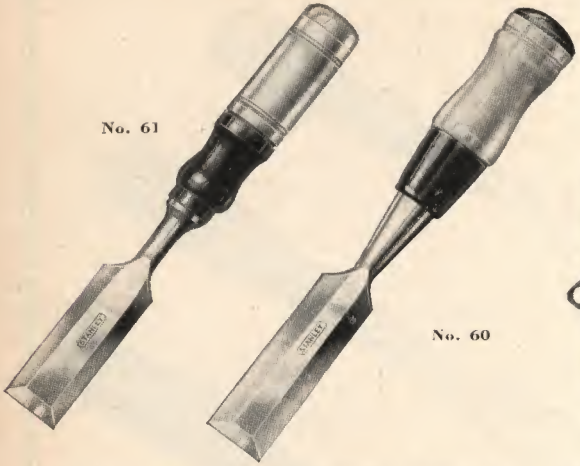
No. 720



STANLEY SOCKET CHISELS IN SETS

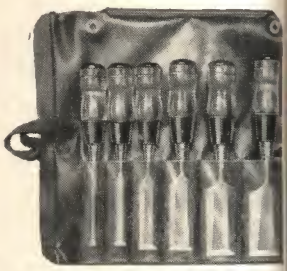
Each set of six chisels packed in waterproof kit.

No.	Contains		Per Kit
726	No. 720 Firmer Chisels	One Each	**$13.90**
746	No. 740 Pocket Chisels	¼, ½, ¾, 1	**13.15**
756	No. 750 Butt Chisels	1¼, 1½ in. Sizes	**12.25**



No. 61

No. 60



No. 66 Kit

Stanley Chisels With Plastic Handles—Alloy Steel Blades

Here is something brand new in chisels that will appeal to all artisans and home workshop enthusiasts who want deluxe and distinctive tools. They are perfectly balanced and combine the best in steel and handles for light weight chisels. The blades are accurately machine cross ground providing straight and perfectly proportioned bevels. Handles are tough plastic material.

Paring Chisel

A popular pattern, specially suited for carving, paring, and similar work by those who prefer a short, carefully balanced chisel.

Thin Blades, 2½ Inches Long

No.	Width	Overall	Each
61	¼ in.	7⅜ in.	**$1.80**
	⅜ in.	7½ in.	**1.80**
	½ in.	7⅝ in.	**1.80**
	⅝ in.	7¾ in.	**2.00**
	¾ in.	7¾ in.	**2.05**
	1 in.	8 in.	**2.25**
	1¼ in.	8¼ in.	**2.55**
	1½ in.	8⅜ in.	**2.95**
	2 in.	8 9/16 in.	**3.65**

Distinctive Butt Chisel

Ideal for the pattern maker, cabinet maker, interior trim carpenter and others. The handle is specially designed to give perfect balance and grip. A crown shaped steel cap centers hammer blows and distributes the force evenly to the cutting edge.

Thin Blades, 3 Inches Long

No.	Width	Overall	Each
60	¼ in.	7⅞ in.	**$2.00**
	⅜ in.	7⅞ in.	**2.00**
	½ in.	7⅞ in.	**2.05**
	⅝ in.	8 in.	**2.25**
	¾ in.	8¼ in.	**2.25**
	1 in.	8⅜ in.	**2.45**
	1¼ in.	8½ in.	**2.75**
	1½ in.	9 in.	**3.15**
	2 in.	9¼ in.	**3.85**

No. 66 Kit—Black Plastic Roll holds one each No. 60 Chisels—¼, ½, ¾, 1, 1¼, 1½ inch sizes. **$15.50** per kit.

No. 50

No. 40

Stanley Heavy Duty Wood Chisels

Alloy Steel Blades—Tough Plastic Handles

Sturdy, two-piece construction—blade and shank, forged in one piece, extends almost through entire handle and meets shank of steel cap. Steel cap takes hammer blows. Handle is tough, slow-burning, black plastic which possesses unusual resistance to breakage. Blades are forged from high quality alloy steel. Bevel edges on blades are correctly proportioned for a good cutting edge.

Butt—Blades 3¼ Inches Long

No.	Width	Overall	Each
50	¼ in.	7¾ in.	
	⅜ in.	7¾ in.	
	½ in.	7¾ in.	
	⅝ in.	7¾ in.	
	¾ in.	7¾ in.	
	1 in.	8 in.	
	1¼ in.	8½ in.	
	1½ in.	8¾ in.	
	2 in.	9 in.	

Pocket—Blades 4½ Inches Long

No.	Width	Overall	Each
40	¼ in.	9 in.	
	⅜ in.	9 in.	
	½ in.	9 in.	
	⅝ in.	9 in.	
	¾ in.	9 in.	
	1 in.	9¼ in.	
	1¼ in.	9¾ in.	
	1½ in.	10 in.	
	2 in.	10¼ in.	

Stanley Chisels

Carpenters, electricians, and home-craftsmen need these Stanley Chisels to mortise hardwood or large timbers, for repair work, and all work that calls for a rugged chisel. A blow struck on head of one of these Chisels is transmitted directly to cutting edge with unimpaired force. Handles never separate from blade.

No. 161. Tang

No. 160. Socket

Thin Blade, Butt Chisels

Carpenters, cabinet makers and skilled workmen will find these Chisels worthy of their skill. Blades are forged in one piece from clean, high grade Chisel steel, heat-treated and tempered. Natural color hardwood handles fitted with steel band.

Tang Chisels—Blade 2½″

No.	Width	Overall	Each
161	¼ in.	8¼ in.	**$1.70**
	⅜ in.	8¼ in.	**1.70**
	½ in.	8½ in.	**1.70**
	⅝ in.	8 9/16 in.	**1.90**
	¾ in.	8⅝ in.	**1.90**
	⅞ in.	8¾ in.	**2.00**
	1 in.	8⅞ in.	**2.00**
	1¼ in.	9 in.	**2.25**
	1½ in.	9 1/16 in.	**2.45**
	2 in.	9⅜ in.	**3.05**

Socket Chisels—Blade 2¾″

No.	Width	Overall	Each
160	¼ in.	8½ in.	**$1.60**
	⅜ in.	8½ in.	**1.60**
	½ in.	8½ in.	**1.60**
	⅝ in.	8⅝ in.	**1.80**
	¾ in.	8⅞ in.	**1.80**
	⅞ in.	8⅞ in.	**1.90**
	1 in.	9 in.	**1.95**
	1¼ in.	9⅜ in.	**2.15**
	1½ in.	9½ in.	**2.35**
	2 in.	9⅞ in.	**2.85**

Stanley Glazier's Chisels

Hardwood Handle—Blade 3½″

No. 58

Heavy blade Chisel for such jobs as easing up window sashes, cleaning out old putty, preparing sash for glass, etc. Blade and tang one forged piece of open hearth carbon steel and heat-treated. Heavy wings on tang lock blade in handle. Hickory handle capped with three leather washers.

No.	Blade	Overall	Each
58	1¾ in.	9¾ in.	**$3.10**

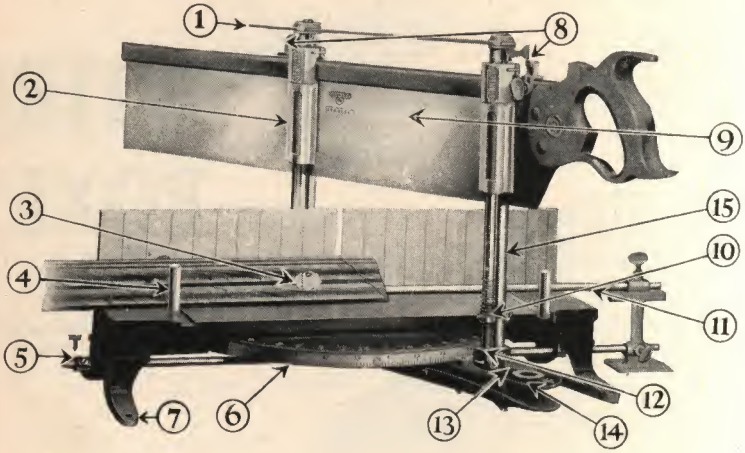
Plastic Handle—Blade 3¼″

No. 55

Glazier's Chisel that will stand up under severe use. Blade and shank, forged in one piece, extends almost through entire handle and meets shank of steel cap. Alloy steel blade. Tough, slow burning plastic handle.

No.	Width	Overall	Each
55X	2 in.	9 in.	

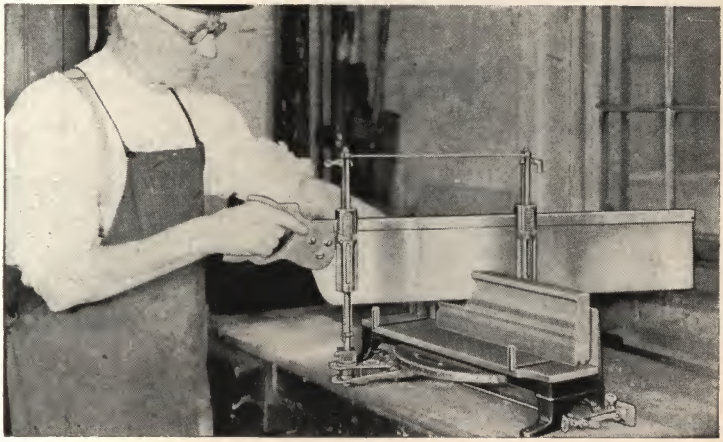
MITRE BOXES



Fifteen Superior Features of Stanley Mitre Boxes

Applicable to Mitre Boxes Nos. 240, 242, 244, 246, 346, 358 and 360

1. Tie Bar at the top gives great rigidity to the uprights.
2. Rollers Bearings in Saw Guide minimize friction and wear, and assure smooth saw action.
3. Adjustable Spurs in back keep work from slipping.
4. Stock guides hold all ordinary work tightly against the back and provide support for angle pieces and curved pieces. They also hold the work so angles less than 30 degrees can be cut.
5. Pointed Screws level the box and stop it from sliding.
6. Quadrant is graduated in degrees and is also numbered for sawing 3, 4, 5, 6, 8, 12 and 24 sided figures. In addition, the self-clamping swivel locks in any position between the numbered index holes. Swivel clamping lever is malleable iron.
7. Detachable Legs of Malleable iron. They are practically unbreakable.
8. Automatic Catches hold the saw above work so that both hands can be used to place the work. They release the saw when the trip engages the front catch.
9. A first quality Back Saw.
10. Fixed stops threaded on the uprights prevent sawing below the base board. Adjustable stops are provided to aid in sawing to a given depth. A heavy spring on the upright lifts the saw out of any kerf cut in the board.
11. Length stop makes it possible to saw duplicate pieces of practically any length. It can be used either right or left hand.
12. Uprights can be turned to take up the play of a saw of any thickness.
13. Uprights are adjustable vertically so that saw will always cut square to the base.
14. Two Sockets permit the use of a long or short saw.
15. Can be made very compact for carrying by removing the uprights.



Stanley Mitre Boxes

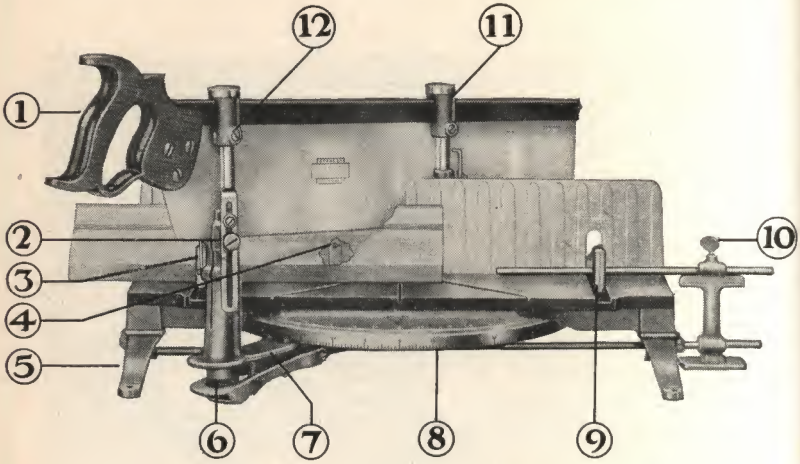
These Mitre Boxes have made many friends for Stanley Tools. They are known everywhere for their accuracy, fine adjustments and sturdy construction.

The Back, Frame, and Graduated Quadrant are cast in one piece. The entire box is strongly braced and absolutely rigid. Eye appealing finish—two-tone grey with red decorative lines.

A first quality back saw is furnished with each box.

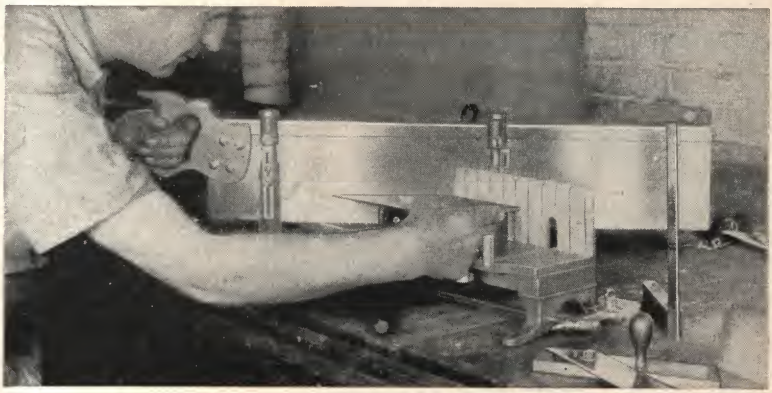
No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity at 30° without Stock Guide	Weight (Box only)	Price (with Saw)
242	22 x 4	8¼ in.	5½ in.	3½ in.	18 lbs.	**$47.70**
244	24 x 4	8¼ in.	5½ in.	3½ in.	18 lbs.	**47.70**
246	26 x 4	8¼ in.	5½ in.	3½ in.	23½ lbs.	**48.70**
346	26 x 4	9½ in.	6½ in.	4⅛ in.	24 lbs.	**50.70**
358	28 x 5	9½ in.	6½ in.	4⅛ in.	29 lbs.	**53.15**
360	30 x 6	9½ in.	6½ in.	4⅛ in.	29 lbs.	**59.55**

For Repair Parts see Pages 178 and 179



Special Features of Stanley Mitre Boxes Nos. 2244, 2246, and 2358

1. First quality Back Saw.
2. Positive saw Guide Stops and Depth Stop Plates control depth of saw cut. Se rated Teeth on Uprights and Stops, together with strong screws, withstand seve use and abuse.
3. Automatic, positive Saw Guide Catches hold Saw above work, leaving both han free to position the work.
4. Adjustable Spurs in the back keep work from slipping.
5. Detachable Legs of Malleable Iron. They are practically unbreakable.
6. Swivel Lever and Lift Screw automatically raise the front Saw Guide and sa out of Kerf cuts in base boards when changing swivel position.
7. Swivel, Swivel Clamping Lever and Uprights are cast in one piece from malleab iron—strong, rigid, and practically unbreakable. Will always cut square to base.
8. Quadrant is graduated in degrees and is also numbered for sawing, 3, 4, 5, 6, 8, 1 and 24 sided figures. The Double Locking, Self-Clamping Swivel is fitted with Pin which locks into the numbered index holes. In addition, Swivel may b clamped at any position between these holes.
9. Stock Guides hold work tightly against the back. They also hold work so angle less than 30 degrees may be cut.
10. Length Stop for duplicate work. Can be used either right or left hand.
11. Saw Guides of Malleable Iron are practically unbreakable.
12. Two Roller Bearings in each Saw Guide produce a smooth saw action.



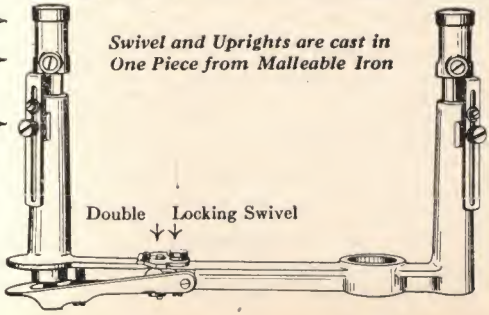
Showing part of the final inspection; Checking the accuracy of the quadrant position.

Stanley Mitre Boxes Nos. 2244, 2246 and 2358

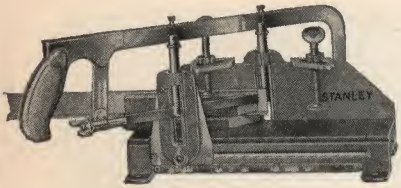
These new Mitre Boxes are very accurate, simple in design, easy to use, have a minimum number of parts, and are exceptionally strong and sturdy. Study the features on the opposite page. Attractively finished: two-tone grey finish with red trim. Furnished with a first quality back saw.

No.	Back Saw	Capacity Right Angle	Capacity Mitre (45°)	Capacity Without Stock Guide 30°	Weight (Box Only)	Each
2244	24 x 4 in.	8¼ in.	5½ in.	3½ in.	17 lbs.	$49.60
2246	26 x 4 in.	8¼ in.	5½ in.	3½ in.	22 lbs.	50.60
2358	28 x 5 in.	9½ in.	6½ in.	4⅛ in.	27 lbs.	53.90

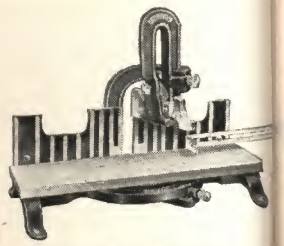
Showing Construction of Swivel and Uprights



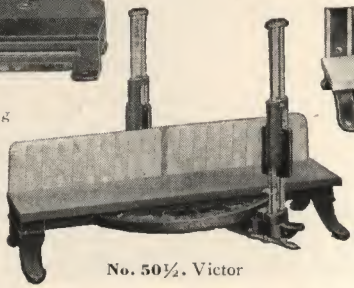
Repair Parts are Shown on Page 180.



No. 2360. Metal Cutting



No. 150. Iron Frame Open Front



No. 50½. Victor

Metal Cutting Mitre Box

This Mitre Box will cut any metal or material that can be cut with a hack saw. It will cut these at any angle from 45° to 90°, right or left.

All steel construction with reinforced cast iron saw guides. Pressed wood, replaceable base board. Special hack saw frame with 12 in. x 9/16 in., 32 tooth high speed steel blade. Saw can be removed and used free.

A sliding front guide and accurate degree scale is used to obtain different angles. Work is held by two adjustable thumb screw clamps and filler blocks. Holes in legs are for anchoring box to bench.

Back, base and saw guides are lacquered blue, other parts nickel plated. Capacity 2¼ in. high x 3 in. wide.

No.	Overall	Net Wght.	Each
2360	12½"x5¼"	9 lbs.	**$22.90**

"Victor" Wood Cutting Mitre Box

Back, Frame Indexed Quadrant an Swivel Arm Bearing made in one piec Quadrant is indexed for cutting 4, 6, 8, 12 and 24 sided figures. Swive arm can be locked at any angle. Eithe back or panel saw can be used. Mo able stops attached to uprights contr cut of saw to the desired depth. Ma leable iron legs. Attractive and durab finish.

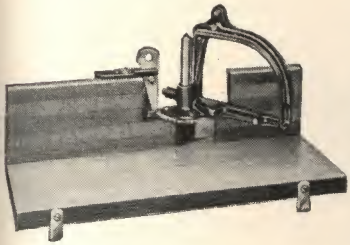
No.		Capacity Right Mitre Angle (45°) Inch.	Inch.	Pric
50½	No Saw	7¼	4¾	**$23.7**
60½	With 22 x 4 in. Saw	7¼	4¾	**33.9**

Iron Frame—Open Front

An easily adjusted box that will take stock up to 3½ in. in height when panel saw is used. Open front makes possible sawing of extra wide boards. Swivel Arm has latc pivot which engages in Frame for 4, 6 and 8 sided frames. Locks at any angle. Saw guide adjusts itself to any thickness of saw and can be adjusted vertical to base. An adjustable gauge acts as a stop. Board is natural finish, remainder of tool black.

No.	Overall	Net Weight	Pric
150	14½ in. x 8 in.	10 lbs.	**$14.7**

Repair Parts on Pages 176 and 177



No. 115. Wood Frame

No. 116. Metal Frame

Stanley Mitre Boxes

These boxes are strong and accurate, and practical for all ordinary work.

Wood Frame

A handy box for ordinary work. Takes stock up to 3½ in. in height when panel saw is used.

Saw Guide can be quickly set and held at "0" (90°), "Window Sill" (9°), "Mitres" (45°), and for 4, 5, 6, and 8 sided figures. A sliding key or wedge fits into notches on the marked index plate and securely holds guide at proper angle.

Either a back or panel saw can be used. For cutting to exact depths a back saw should be used. The Saw Guide determines the depth of cut and keeps the saw at the angle to be cut.

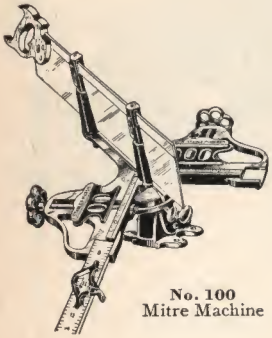
Index Plate, Index Lever, and Center Point are made of steel. Saw Guides are made of grey iron. Frame is laminated hardwood, finished with clear lacquer.

No.	Overall	Net Weight	Price
115	16 in. x 7 in.	5 lbs.	**$10.65**

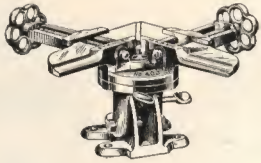
Metal Frame

This Mitre Box is strong and sturdy, it has few and easy adjustments and is very reasonably priced. Either a back or panel saw can be used. The index plate is marked for angles 0 degree up to 50 degrees. Large back provides ample support for work and is cut away to make it easy to hold work while sawing. Two stop lugs on front edge of base board may be turned downward to act as stops against edge of bench when sawing. Back, Saw Guide and Index Plate are made of heavy pressed metal, ribbed for extra strength, black lacquer finish. Board is hard Maple with clear lacquer finish. Capacity: boards up to 2½ in. in height when panel saw is used.

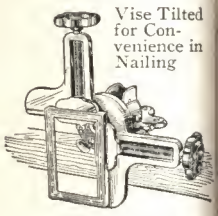
No.	Overall	Net Weight	Price
116	13½ in. x 4½ in.	4¾ lbs.	**$4.85**



No. 100
Mitre Machine



No. 400. Mitre Vise



Vise Tilted for Convenience in Nailing

Stanley Picture Framers' Tools

No. 100 Mitre Machine

With this machine any type of mitred joint can be cut, glued and nailed to make tight, close fitting corners.

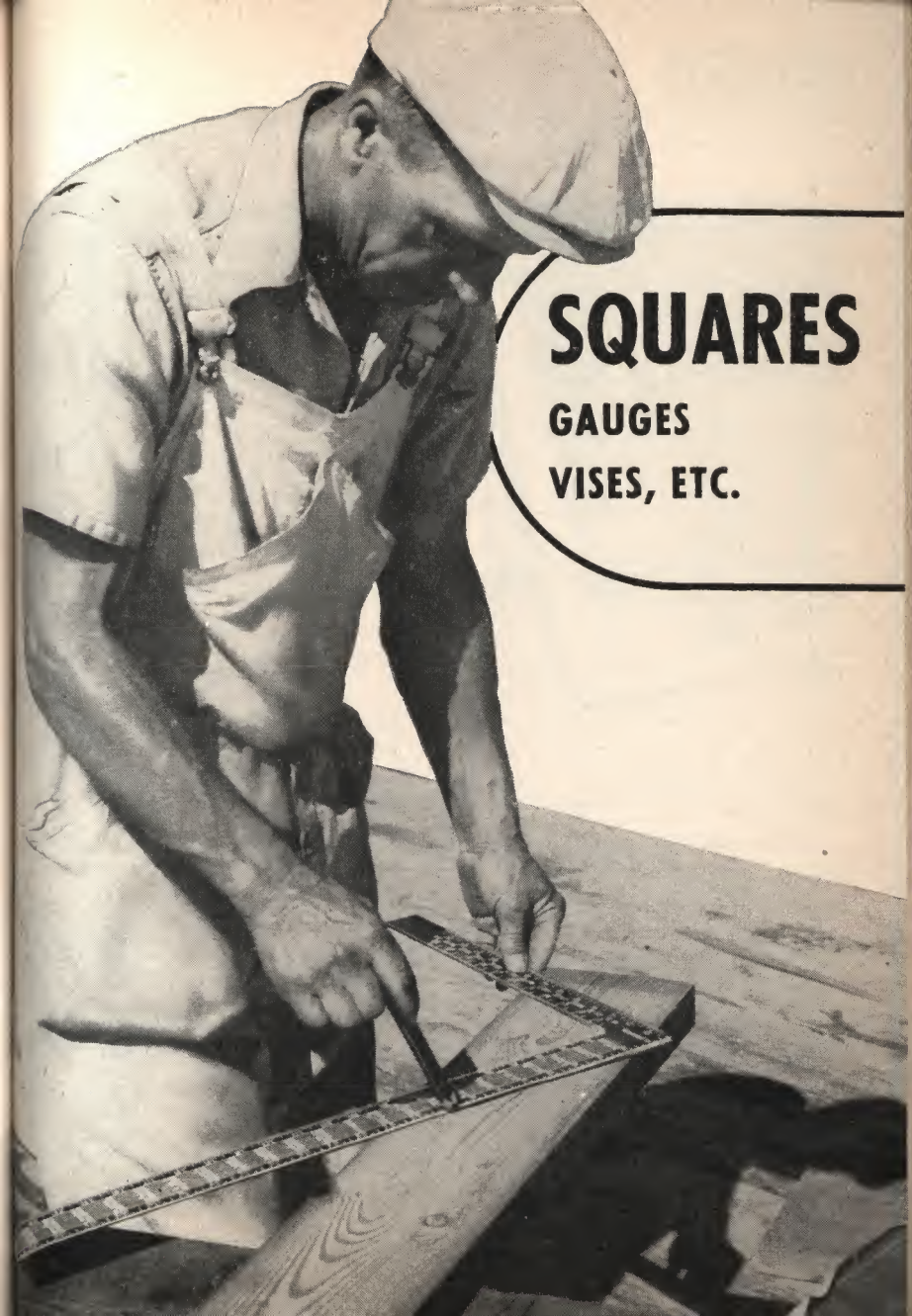
Mouldings less than 4 inches in width can be sawed and any frame 7½ x 7½ in. or larger can be clamped. The saw furnished is of high quality and fitted to the machine. The machine is made entirely of metal and finished in grey enamel with red trim. Roller Bearing Saw Guide. Saw is 22″ x 4″. Price **$56.50.**

No. 400 Mitre Vise

Meets every requirement for a picture frame clamp for square corners. It will clamp any moulding up to 4 inches wide, and join any frame larger than 3½ x 3½ inches. The Vise holds two sides of the frame firmly in position for nailing. The universal base is made so that the Vise can be tilted.

Frame is made of grey iron finished in grey enamel with red trim. Price **$16.85.**

Repair Parts are Shown on Page 178



SQUARES

GAUGES

VISES, ETC.

Stanley Carpenters' Steel Squares

Among all the tools used by the woodworker there is, perhaps, none so useful, simple and indispensable as the modern Steel Square. There is not a tool that may be so readily applied to the quick solution of the many difficult problems of laying out work as the Steel Square. In the hand of one who knows how to use it, the square becomes a simple calculating device of the most wonderful capacity.

There is a feeling that one must have a knowledge of higher mathematics to be able to use a Steel Square with all its markings, figures, and tables. This is not true. Although it has numerous scales and figures there is nothing about it that is complicated.

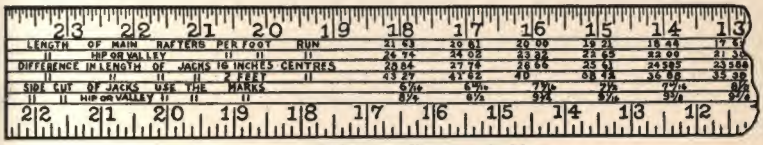
The understanding of a few simple rules governing the application of this Square will enable the carpenter to determine easily and quickly the length of any Common, Hip, Valley, or Jack Rafter for any Pitch of Roof. Also, to make the proper Top and Bottom Cuts, as well as Side or Check Cuts for any Rafter.

Stanley Steel Squares are made of one piece of steel and have hardened corners. The regular two foot squares are tapered in thickness from the angle outward and are so furnished unless otherwise specified.

This Little Booklet Tells You How to Read and Use a Stanley Steel Square

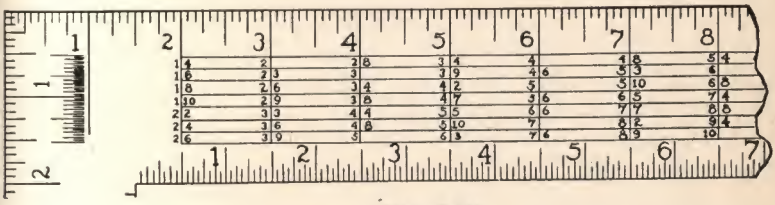
Send for this free booklet. It contains chapters on: Roof Framing, Common Rafters, Hip and Valley Rafters, Jack Rafters, Brace Measure, Essex Board Measure, Eight Square Scale, and also gives a page to Polygons and Their Mitres. Note: This Booklet is packed with all Stanley Two Foot Squares.

Carpenters' Steel Square Tables



Rafter or Framing Table

This table appears on the body of the Square. It is used to determine the length of the common, valley, hip and jack rafters and the angles at which they must be cut to fit at the ridge and plate. Complete directions for reading and using are packed with each Square.

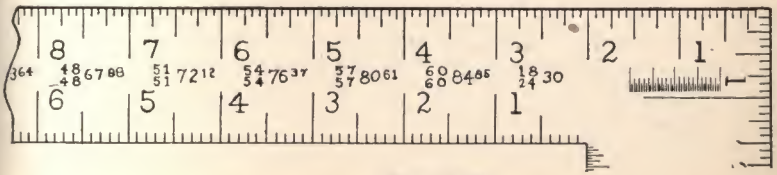


Essex Table

This table appears on the body of the Square. It shows the board measure, in feet and 12ths of feet, of boards 1 inch thick of usual length and widths. Complete directions for reading and using are packed with each Square.

Octagon Scale

This Scale appears on the tongue of the Square. It is used to layout a figure with eight equal sides on a square piece of timber. Complete directions for reading and using are packed with each square.

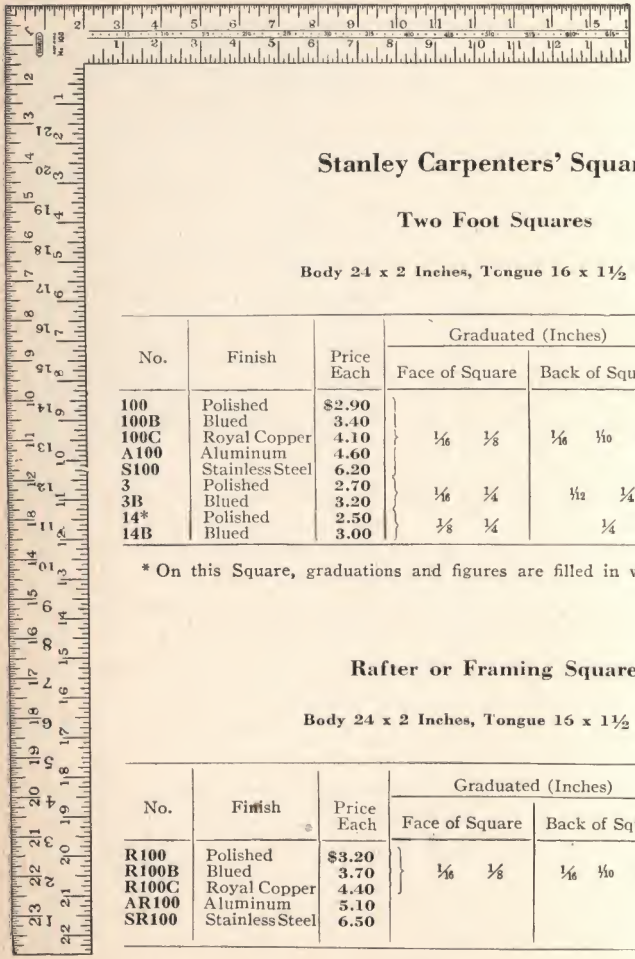


Brace Table

This table appears on the tongue of the Square. It shows the length of the Common braces. Complete directions for reading and using are packed with each Square.

Hundredths Scale

This scale appears on the tongue of the square. With a pair of dividers, decimals of an inch can be quickly obtained.



Stanley Carpenters' Squares

Two Foot Squares

Body 24 x 2 Inches, Tongue 16 x 1½ Inches

No.	Finish	Price Each	Graduated (Inches) Face of Square	Graduated (Inches) Back of Square	Table and Scales (Described on Page 10
100	Polished	**$2.90**			Brace
100B	Blued	**3.40**			Octagon
100C	Royal Copper	**4.10**	1/16 1/8	1/16 1/10 1/12	Essex Board Measur
A100	Aluminum	**4.60**			100ths Scale
S100	Stainless Steel	**6.20**			
3	Polished	**2.70**			Brace
3B	Blued	**3.20**	1/16 1/4	1/12 1/4	Essex Board Measur
14*	Polished	**2.50**			Essex Board Measur
14B	Blued	**3.00**	1/8 1/4	1/4	

* On this Square, graduations and figures are filled in with white enamel.

Rafter or Framing Squares

Body 24 x 2 Inches, Tongue 16 x 1½ Inches

No.	Finish	Price Each	Graduated (Inches) Face of Square	Graduated (Inches) Back of Square	Table and Scales (Described on Page 10
R100	Polished	**$3.20**			Rafter or Framing
R100B	Blued	**3.70**	1/16 1/8	1/16 1/10 1/12	Brace
R100C	Royal Copper	**4.40**			Octagon
AR100	Aluminum	**5.10**			Essex Board Measur
SR100	Stainless Steel	**6.50**			100ths Scale

Square with 18 Inch Tongue: Nos. 100, R100, R100B can be furnished with the tongue 18 x 1½ inches at no additional cost. In ordering specify No. 100—18 Inch Tongue, No. R100—18 Inch Tongue, etc.

Stanley Steel Squares

18 Inch Squares

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
18	18 x 1½	12 x 1	Polished	**$2.30**	1/16 1/8	1/12 1/8

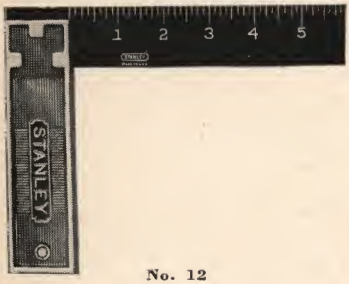
One Foot Squares

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
10	12 x 1½	8 x 1	Polished	**$2.00**	1/8 1/4	1/12 1/4
12	12 x 1½	8 x 1	Polished	**2.10**	1/16 1/8	1/12 1/8

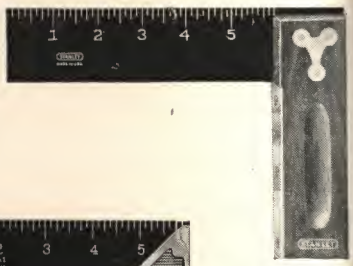
Flat Steel Squares

These squares are made the same thickness throughout. They do not have the same refinements as the regular squares, but make a practical tool for less important work.

No.	Size (Inches)		Finish	Price Each	Graduated (Inches)	
	Body	Tongue			Face of Square	Back of Square
F2	24 x 1½	12 x 1	Polished	**$1.30**	1/8	1/4



No. 12



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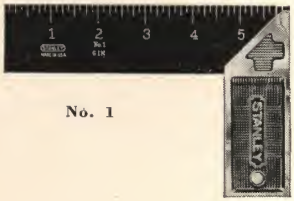


No. 1

Stanley Try and Mitre Squares

The edges of the blades are machined parallel and are square inside and out. Grad ated in eighths of inches. Can be furnished with metric graduations at no extra cos

Try and Mitre Squares

IRON HANDLES

One edge of handle has an angle of 45°. Japanned with sides polished. Figur and graduations stand out on gun black finish blade.

No.	Blade	Handle	Eac
1	6 in.	4 in.	**$1.3**
	8 in.	5⅛ in.	**1.5**
	10 in.	6 in.	**1.8**
	12 in.	6 in.	**2.3**

Try Squares

IRON HANDLES

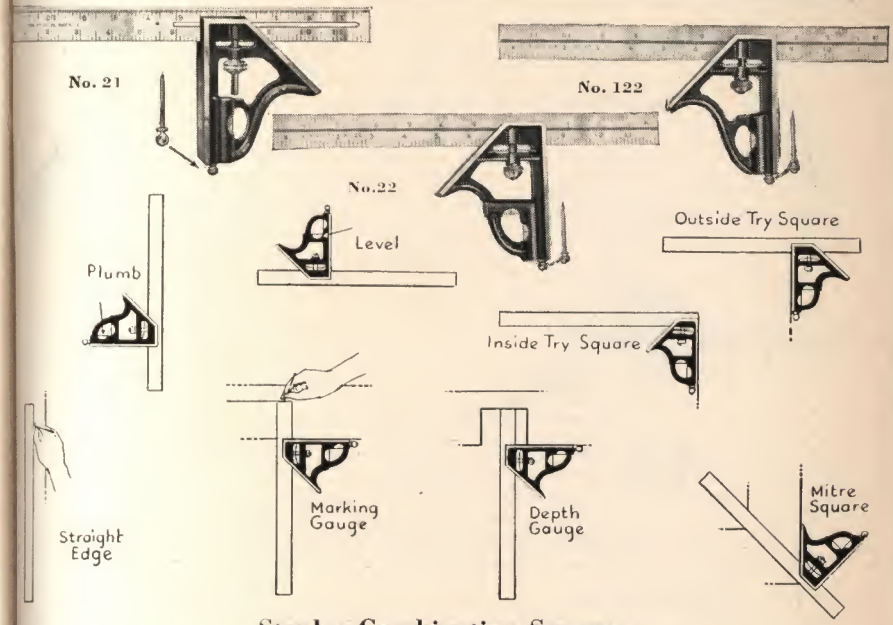
Handles japanned finish with polished sides. Blades have gun black finish. Clear, easy-to-read figures.

No.	Blade	Handle	Each
12	4 in.	3⅛ in.	**$1.15**
	6 in.	4⅜ in.	**1.25**
	8 in.	5½ in.	**1.35**
	10 in.	6⅝ in.	**1.60**
	12 in.	8 in.	**1.90**

ROSEWOOD HANDLES

Brass face plates. Gun black finis on blades. Easy to read markings.

No.	Blade	Handle	Eac
20	6 in.	4½ in.	**$1.2**
	8 in.	5⅜ in.	**1.3**
	10 in.	6 in.	**1.5**
	12 in.	7 in.	**2.1**



Stanley Combination Squares

Combine the equivalent of several tools. Blade heavy narrow type, rolled tempered steel with edges ground. Graduated 8ths, 16ths, 32nds.

Handle is quality iron casting with working surfaces machined, remainder japan. Scratch Awl is in a rust-proof brass bushing.

Slotted Blade

Fitted with one Level Glass. Blade can be reversed face for face to permit right to left, or left to right reading in all graduations. Blade can be removed, but it can't come off accidentally.

No.	Length	Handle	Each
21	9 in.	4¼ in.	**$2.10**
	12 in.	4¼ in.	**2.10**

Grooved Blade

The only Square with two Level Glasses, providing a handy 12 inch plumb or level. Handle can be moved to any point on the blade. Polished blade with etched figures and graduations.

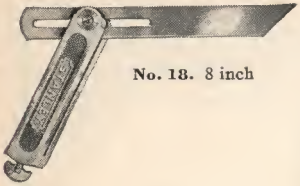
No.	Length	Handle	Each
22	12 in.	4¼ in.	**$2.30**

Grooved Blade

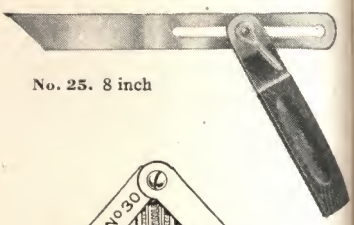
One level glass in handle. Handle can be moved to any point on blade. Blade has polished finish with etched figures and graduations.

No.	Length	Handle	Each
122	9 in.	4¼ in.	**$2.10**
	12 in.	4¼ in.	**2.10**

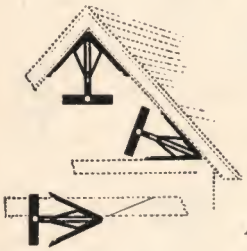
Nos. 21 and 22 can be furnished Metric or English and Metric at no extra cost.

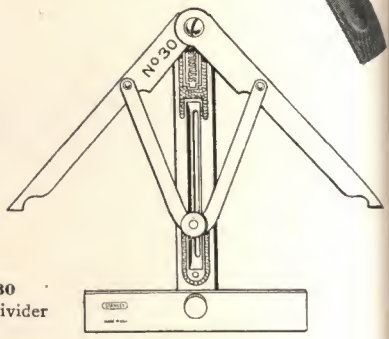


No. 18. 8 inch



No. 25. 8 inch





No. 30
Angle Divider

Stanley Bevels and Angle Dividers

Highest quality—the blades are accurately machined, and are highly finished.

Angle Divider

For bisecting or dividing angles. It is especially handy for fitting trim, mouldings, flooring, etc., into corners.

The corner angle first is measured accurately by adjusting the Angle Divider to fit the corner. The Center Shaft is always the center line for the two arms; thus, by laying the center shaft along the moulding or other work, the correct angle bisected (cut in half) is marked. By reversing the Angle Divider the corresponding angle can be marked on the opposite piece.

Iron Body, nickel plated. Graduated one one side for laying out 4, 5, 6, 8 and 10 sided work. The Steel Arms can be locked at any desired angle.

Can also be used as a try square.

No.	Handle	Overall	Each
30	7⅜ in.	8¼ in.	**$4.55**

Bevels

Stanley Bevels have improved locking devices which hold the blades firmly at any angle desired.

TROPICAL HARDWOOD HANDLES

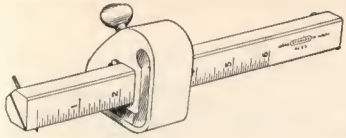
Brass tips. "Handy-Grip". Gun Black Finish on blade.

No.	Blade	Handle	Each
25	6 in.	4½ in.	**$1.10**
	8 in.	5½ in.	**1.15**
	10 in.	6½ in.	**1.35**
	12 in.	7⅝ in.	**1.65**

IRON HANDLES

Nickel plated mirror finish. Six inch size has double slot for checking shallow angles.

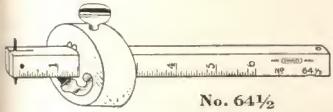
No.	Blade	Handle	Each
18	6 in.	4⅛ in.	**$1.75**
	8 in.	5⅛ in.	**1.75**
	10 in.	6⅛ in.	**1.95**
	12 in.	6⅛ in.	**2.35**



No. 65.
New Style

No. 61

No. 72



No. 64½

No. 77

Stanley Wood Marking Gauges

No. 65—New Style—Specially sharpened marking pin, held at proper angle, scores a knife-like line. Pin may be adjusted to correct depth and is always in full view. Design of bar and head permits free movement, yet absolute locking is possible when beam is wedged into "V" shaped opening in the head by thumb screw and shoe. Gauge is boxwood, with face plate, thumb-screw, shoe and stop screw made of brass. Graduated in 16ths for 6 inches. **$1.60** Each.

Oval Bars

Bars oval in shape. No. 64½ has brass thumb screw and brass shoe in bar. All except No. 61 have a polished finish.

Square Head—Beech

Fixed tempered point. Boxwood thumb screw. Graduated in 16ths of inches for 6 inches.

No. **61** **$0.55** Each

Square Head—Beech

Similar to No. 61. Adjustable tempered point. Boxwood thumb screw. Graduated in 16ths of inches for 6 inches.

No. **62** **$1.00** Each

Oval Head—Beech

Adjustable, tempered point. Brass thumb screw and face plate. Graduated in 16ths for 6 inches.

No. **64½** **$1.35** Each

Square Bars
Double Bar Gauge—Beech

They have two independent bars with a pin fastened to each. After one side of a mortise is marked, the gauge can be turned over to mark the other side.

No. **72.** Brass thumb screw. Brass shoes and stop screw. Graduated in 16ths for 6 inches. **$1.80** Each.

Slide Gauge—Rosewood

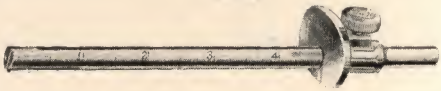
Has a brass slide in the bar. A pin is fastened to the slide and another to the bar. Both sides of a mortise can be marked at once. Pocket in head permits marking to within 1/16 in. of stationary pin.

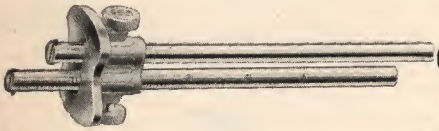
Brass thumb screw and face plate. Graduated in 16ths for 3 inches.

No. **77** **$3.55** Each

Nos. **61**, **72** and **77** can be furnished with metric graduations.

No. 90





No. 91

No. 97

No. 98

Stanley Metal Gauges

Nickel plated. The heads are carefully machined. Gauges with roller cutters are especially adapted for marking across the grain, over knots, etc. The bars are 6½ inches long and are graduated in 16ths for 5 inches. They can be furnished with metric graduations at no extra cost.

Marking

Single face head. Single bar. Adjustable, tempered points.

No. **90** **$1.25** Each

Marking and Mortise

Single face head. Double bar. Adjustable, tempered point.

No. **91** **$2.05** Each

Marking

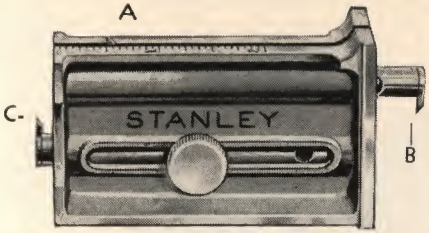
Double faced head. Single bar. Roller cutter and adjustable, tempered point.

No. **97** **$2.05** Each

Marking and Mortise

Double face head. Double bar. Roller cutters and adjustable, tempered points.

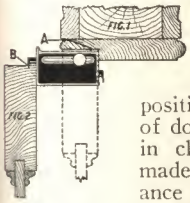
No. **98** **$3.05** Each



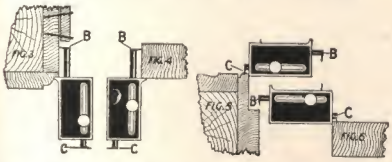
Stanley Butt Gauges

In hanging doors, there are three measurements to be marked—the location of the butt on the casing, the location of butt on the door, and the thickness of butt on both casing and door. Stanley Butt Gauges have three separate cutters arranged with the necessary clearances so that no change of setting is necessary when hanging a number of doors. They are also Rabbet Gauges, Marking Gauges, and Mortise Gauges and have a scope sufficient for all door trim including lock plates, strike plates, etc. Nickel plated.

For Gauging Casings with Rabbeted Jambs



Set Cutter A to gauge from back of rabbeted jamb (Fig. 1); Cutter B is then in correct position for gauging from edge of door (Fig. 2) which engages in closing. These cutters are made to allow sufficient clearance to enable the door to close properly without binding.



For Gauging Jambs to Which Strike is Nailed After Door is Hung

Reverse Bar to which Cutter B is attached, place Flange against edge of casing, and mark with Cutter B (Fig. 3). Use same setting of Cutter B for marking door, placing Flange against the outer edge (Fig. 4).

To Gauge for Thickness of Butt

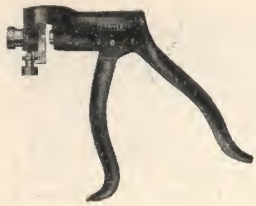
Set Cutter C for depth; gauge from depth of jamb (Fig. 5) and from edge of door (Fig. 6).

Stanley Butt Gauge

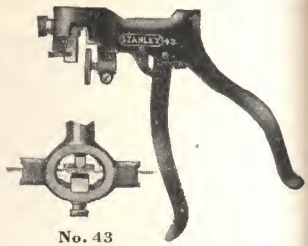
An essential tool for professional or homecraft carpenters to lay out butt mortises in hanging doors. Setting the three separate cutters once on a Stanley Butt Gauge is all that is necessary for the job. The Gauge is used to mark for position of the butt on the door and casing, and the thickness of the butt on the door and casing. Saves time on the job. Also can be used to mark location of lock plates, strike plates, etc.

Cutter A marks from the jamb in the rabbet. Cutter B from the edge of the door engaged in closing. Cutter C marks the thickness of the butt. Graduated in 16ths for 2 inches. Nickel plated.

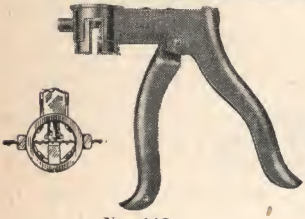
No. **95** **$3.05** Each



No. 42. Most popular Saw Set on the Market

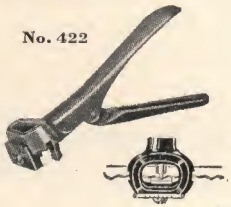


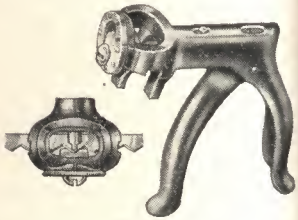
No. 43



No. 442

No. 422





No. 432

Stanley Saw Sets

They fit the hand naturally and comfortably, and are designed so that the saw teeth are in plain view when the saw is set. They are quickly adjusted to give more or less set to the saw teeth.

"Pistol Grip"—Deluxe Quality

Body and lever handle are malleable iron with a black Japan finish. Plunger and anvil are hardened tool steel. Anvil is graduated for duplicate work. Furnished with an attachment for setting Circular Saws.

No. 42 Improved

Completely redesigned, to provide a bushing that holds and supports the saw before the plunger touches the saw tooth, and to make it possible for the owner to insert a new plunger should the old one become damaged or worn.

Capacity: back, panel and small circular saws, 18 gauge and thinner having 14 points or less to the inch. Each **$3.60**

No. 43

Capacity: large cross cut saws such as buck saws, two man saws, and circular saws, 11 gauge or thinner having 5 or less teeth to the inch. Each **$7.15**

No. 442—"Pistol Grip"—All Steel

Made entirely of steel securely riveted and lacquered green. Hardened tool steel anvil and plunger. Length of set is easily shifted by means of the knurled screw.

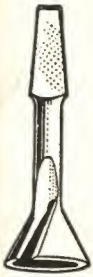
Capacity: back and panel saws, 18 gauge and thinner having 10 points or less to the inch. Each **$2.60**

Adjustable-Direct Reading

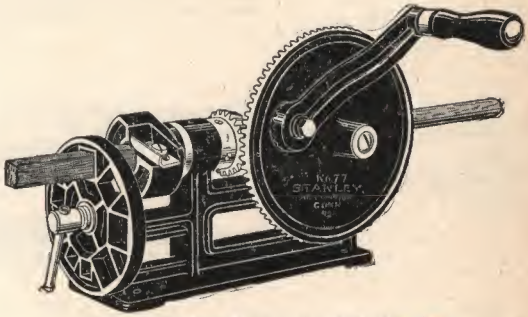
No. 422 has a graduated plate, and No. 432 has a graduated wheel, that can be moved to adjust the anvil for 5 to 11 point saws. Malleable iron body and lever; hardened tool steel anvil and plunger.

Capacity: back and panel saws, 18 gauge and thinner having 11 points or less to the inch.

No.	"Pistol Grip"	Each
432	Lacquered Red and Black	**$2.10**
No.	**"Plier Grip"**	Each
422	Lacquered Red	**$1.50**



No. 22.
Dowel
Sharpener.



No. 77. Dowel and Rod Turning Machine

Dowel and Rod Turning Machine

A tool that will not only cut dowels of various sizes and lengths to perfect dimensions, but also may be used to form rods of practically any length.

Ready made dowels tend to warp and shrink, making them unsatisfactory when a close fit is required. With this machine you can cut dowels when you are ready to use them, using the same material as the wood being worked.

The crank can be adjusted for power or speed, as required.

One cutter head complete for making 3/8 inch dowels or rods is furnished with each machine. Additional cutter heads with cutters 1/4, 5/16, 7/16, 1/2, 9/16, 5/8, 11/16 and 3/4 inches can be furnished for $1.65 each.

Japan finish. Black hardwood handle.

No.		Each
77		**$21.25**

Dowel Sharpener

Used to taper the ends of dowels so that they can be fitted easily. Malleable iron Polished. Cutting edge can be readily resharpened.

No.		Each
22	3 in. long	**$1.00**

Nail Set. **No. 11**—3/32 in.

Nail Set. **No. 11¾**—3/32 in.

Center Punch. **No. 10**—⅛ in.

Center Punch. **No. 10¾**—⅛ in.

Stanley Nail Sets and Center Punches

They are made from a solid bar of high grade tool steel, hardened at both ends and blued. The heads are so shaped that there is little possibility of the hammer blows slipping from the tool. Bodies are machine knurled, with heads and tips polished.

Nail Sets

Used to set the heads of nails below the surface of wood. The tips are cupped, chamfered and carefully heat treated for toughness.

SQUARE HEAD—ROUND SHANK

Square Head Prevents Rolling. Size stamped on head. Alloy Steel.

No.	Tip	Size Stock	Length	Price
11¾	1/32 in.	11/32 in.	3⅞ in.	**$0.20**
	2/32 in.	11/32 in.	3⅞ in.	**.20**
	5/64 in.	11/32 in.	3⅞ in.	**.20**
	3/32 in.	11/32 in.	3⅞ in.	**.20**
	4/32 in.	11/32 in.	3⅞ in.	**.20**

OVAL HEAD—ROUND SHANK

No.	Tip	Size Stock	Length	Price
11	1/32 in.	9/32 in.	3⅞ in.	**$0.15**
	2/32 in.	9/32 in.	3⅞ in.	**.15**
	5/64 in.	9/32 in.	3⅞ in.	**.15**
	3/32 in.	9/32 in.	3⅞ in.	**.15**
	4/32 in.	5/16 in.	3⅞ in.	**.15**

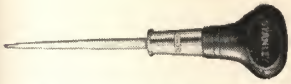
Center Punches

Used to make starting holes in wood, fibre, etc., for screws or drills. Tips are accurately shaped so that the extreme point is always in the center of the tool.

Round knurled shanks. No. 10 has oval head. No. 10¾ has square head to prevent rolling.

No.	Tip	Size Stock	Length	Price
10¾	5/64 in.	11/32 in.	3⅞ in.	**$0.20**
	⅛ in.	11/32 in.	3⅞ in.	**.20**
	5/32 in.	11/32 in.	3⅞ in.	**.20**

No.	Tip	Size Stock	Length	Price
10	5/64 in.	9/32 in.	3⅞ in.	**$0.15**
	⅛ in.	5/16 in.	3⅞ in.	**.15**
	5/32 in.	5/16 in.	3⅞ in.	**.15**



No. 7. Scratch Awl

No. 17. Brad Awl

No. 286. Scratch Awl

No. B. Ice Pick

Stanley Awls

Famous for quality and durability. The points are hand forged, specially toughened and tempered. Selected hardwood handles are comfortably shaped. The Blade, Shank and Head are forged complete from one piece of finest steel. A rivet that goes through the ferrule, handle and shank, securely fastens the blade in the handle. Flat surfaces on handle of Nos. 6 and 7 prevent rolling. Highly polished blades and ferrules. Nos. 6 and 7 have black handles; Nos. 286 and 287 have natural finish.

Scratch Awls

No.	Blade	Diam.	Overall	Price
6	2⅜ in.	7/32 in.	5⅞ in.	**$0.65**
7	3½ in.	¼ in.	6½ in.	**.70**

Scratch Awls—Round Handles

No.	Blade	Diam.	Overall	Price
286	2¾ in.	7/32 in.	5⅞ in.	**$0.60**
287	3½ in.	¼ in.	6½ in.	**.65**

Brad Awls—Black Finish Handle

Blade securely anchored in handle.

No.	Blade	Width Tip	Overall	Each
17	1⅛ in.	1/16 in.	5 in.	**$0.50**
	1⅜ in.	3/32 in.	5¼ in.	**.50**
	1½ in.	⅛ in.	5½ in.	**.50**

Stanley Ice Picks

Wood Handle—Flat Sides

Comfortable grip handle provides a good grip and makes it easy to crack ice. Natural finish wood handle. Tempered point.

No.	Blade	Diam.	Overall	Each
B	5¼ in.	7/32 in.	9 in.	**$0.65**

Stanley Awls and Chalk Line Reel

These are high quality tools, priced to put them within the reach of every tool user. The handles are made from selected hardwood. Awls have tempered steel blades, and handles are finished in orange and black lacquer.

Scratch Awl

Blade is anchored in handle by two ears swaged on the shank.

No.	Blade	Diam.	Overall	Each
1	3½ in.	3/16 in.	6⅞ in.	**$0.35**

No. 1. Scratch Awl

Brad Awl

Blade is anchored in the handle by ears on the shank of the blade.

No.	Blade	Tip	Overall	Each
3½	1¼ in.	⅛ in.	4½ in.	**$0.25**

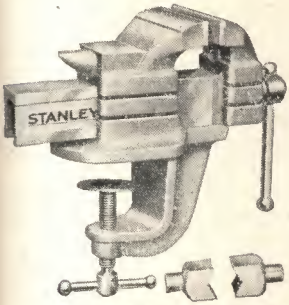
No. 3½. Brad Awl

Chalk Line Reel

Hardwood, Lacquered Orange.

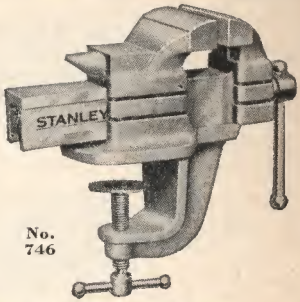
No.	Length	Diam.	Each
12	3 in.	2 in.	**$0.25**
14	same as No. 12 with No. 1 Scratch Awl		**$0.60**

No. 12. Chalk Line Reel



No. 766

No. 356.
Pipe Jaws



No. 746

New, Improved Design! Stanley Vises with Clamp Base

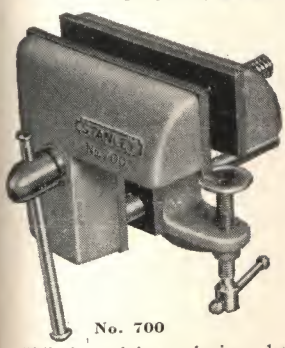
Ideal Vises for homeworkshop use, and as sturdy auxiliary Vises for servicemen and mechanics in every line of work. Strong iron castings. Hardened thrust bearing under screw head. Spring thrust screw retainer gives slack-free jaw and screw control.

No. 761 line Vises are equipped with removable, diamond checked face steel jaws. No. 741 line Vises have solid, smooth face iron jaws.

All Vises are attractively finished and can be clamped to a bench up to 2⅛ in. thick. Pipe Jaws No. 356 fit Vises Nos. 763, 765, 766.

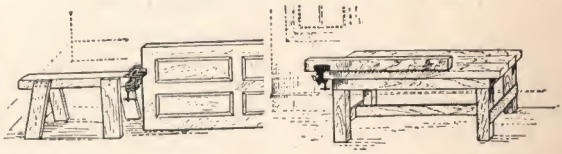
Removable Steel Jaws				Iron Jaws			
No.	Jaws	Jaws Open	Price	No.	Jaws	Jaws Open	Price
761	1½ in.	1¾ in.	**$6.30**	**741**	1½ in.	1¾ in.	**$5.30**
763	2 in.	2 in.	**6.90**	**743**	2 in.	2 in.	**5.90**
765	2½ in.	2⅜ in.	**8.05**	**745**	2½ in.	2⅜ in.	**7.05**
766	3 in.	3 in.	**11.00**	**746**	3 in.	3 in.	**10.00**

No. **356** Pipe Jaws, **$0.60** Per Pair



No. 700

New Design! Woodworkers Vise



Attached to the end of a carpenter's horse

Attached to the end of a bench

Light enough to carry from job to job. Clamped to a carpenter's horse, it will hold doors, sash, etc., or it can be attached to a bench for ordinary work.

"L" shaped jaws designed to hold work firmly, horizontally as well as vertically. Jaw faces covered with tempered presdwood, easily replaceable when worn. Slack-free jaw and screw control insure rigidity and easy operation. Steel parts are nickel plated and rest of tool is finished in grey enamel with red trim.

No. **700** Jaws 5 in. wide horizontally, 4⅜ in. wide vertically, open to 3½ in. Price **$5.30**

Stanley Electric Soldering Irons

High quality tools for continuous, uninterrupted service on production lines, in industrial plants, radio repair shops, tinning shops and other places where the demands on an iron are severe. Sealed end of heating heads protects the "built-in" windings and cores from air, flux fumes and moisture. Hardwood handles are cool, comfortable and removable. Six-foot approved heater cord attached to each Iron. Made in sizes to satisfy all users.

Screw Tip Irons—Tips have a threaded stud and an accurate beveled shoulder which fits snugly into a correspondingly beveled socket in heating head.

Plug Tip Irons—Tips fit into a bore in the heating head and are held in position by a set screw.

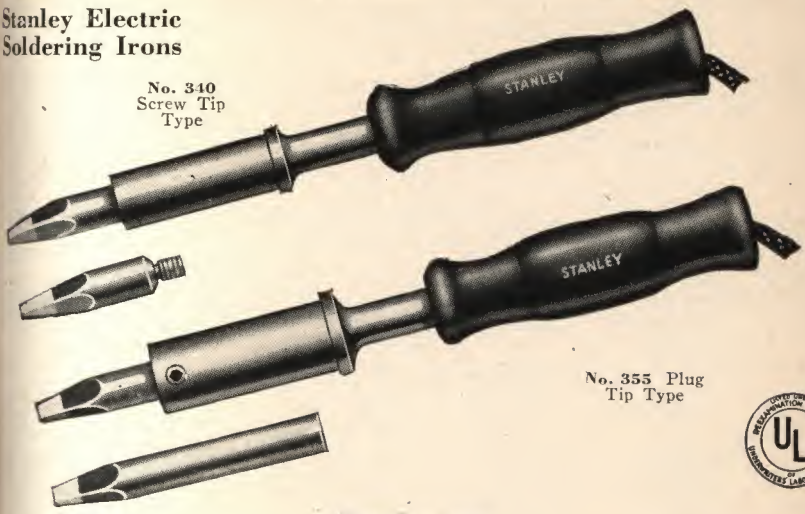
Screw Tip Irons

Operate on AC or DC. Regularly Stocked in Standard Voltages.

No.	Watts	Equal to Old Style Copper	Tip Dia. In.	Wgt. Less Cord (Oz.)	Overall Length Inches	A FEW OF THE USES	Price Complete Iron	Replacement Tip	Replacement Heating Head
320	62	½ lb.	7/16	8½	12½	Very light radio, telephone, electric appliance and fine instrument making and repairing, and for home use.	**$8.30**	**$0.60**	**$6.65**
330	80	1 lb.	½	10½	12¾	Medium soldering on telephone, radios, electrical appliances, toys, etc. Medium iron for servicemen.	**8.60**	**.70**	**6.80**
340	115	1½ lbs.	9/16	13	13	Fast soldering on radios, telephones, electrical appliances, jewelry, etc. For light medium jobs in home, factory and schools. Ideal for servicemen.	**8.80**	**.75**	**7.15**
350	165	2 lbs.	⅞	18	13¼	High speed soldering on radios, telephones. Medium light soldering on tinware, toy motors, type bars, fuses, etc., tinsmithing, plumbing and wiring.	**9.90**	**1.50**	**7.90**
360	215	2½ lbs.	1	22	13½	High speed soldering on light tinware, art glass, toys, small metal patterns, organ pipes, etc.	**10.65**	**1.75**	**8.40**
370	270	3 lbs.	1⅛	27	14	Medium tinware, light roofing, gutters, ventilating flues; electrical, airplane and other medium manufacturing; ship repairs.	**12.80**	**3.15**	**10.20**
380	375	4 lbs.	1⅜	38	14	Roofing, refrigerators, copper and galvanized iron, heavy tinware, metal patterns, ship, auto and airplane building.	**14.50**	**3.75**	**11.10**
390	475	5 lbs.	1⅜	49	14¼	Heavy roofing and cornices, vats, tanks, ventilating flues, auto radiators, armature, plumbing and shipbuilding.	**16.30**	**3.75**	**12.70**

REPLACEMENT PARTS FOR ALL IRONS—HANDLE 80¢, CORD AND PLUG 95¢

Stanley Electric Soldering Irons



Plug Tip Irons

Operate on AC or DC. Regularly Stocked in Standard Voltages.

No.	Watts	Equal to Old Style Copper	Tip Dia. In.	Wgt. Less Cord (Oz.)	Over-all Length Inches	A FEW OF THE USES	Price Complete Iron	Replacement Tip	Replacement Heating Head
345	105	1½ lbs.	⅜	12¾	13	Light radio, telephone and electrical appliances, fine instrument making and repairs. Also for servicemen and for miscellaneous light soldering around home, school, hotel.	**$8.80**	**$0.50**	**$7.10**
355	150	2 lbs.	½	15¼	13⅛	Medium soldering on radio, telephone, typewriters and electrical appliances, wiring, fuses, toys, jewelry. For servicemen and for general light use.	**9.05**	**.60**	**7.40**
365	200	2½ lbs.	⅝	18	13¼	High speed radio, telephone, electric appliances, motors, wiring, small metal patterns, art glass and maintenance on airplane, automobile and ship.	**10.60**	**1.65**	**8.60**
385	350	4 lbs.	⅞	23	13⅜	Rugged Iron for heavier work, refrigerators, motors, gutters and leaders, ventilating flues, metal patterns, plumbing, and on automobile, airplane, shipbuilding and general maintenance.	**12.25**	**2.10**	**9.90**

REPLACEMENT PARTS FOR ALL IRONS—HANDLE 80c, CORD AND PLUG 95c

Tips for Stanley Electric Soldering Irons

No. 121

No. 154

Armor Clad Tips

Copper tips clad with a special metal coating. Offer these advantages over regular copper tips: Last over three to four times longer on production soldering. Retain their original shape. Require no filing yet are easily tinned. Available in regular sizes and special shapes to fit Stanley Screw Tip and Plug Tip Irons, also leading competitive irons.

Pure Copper Tips

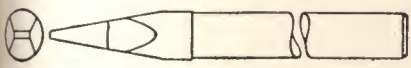
Made of pure compressed high conductivity copper. Accurately machined for valve-seat fit in Irons to insure effective heat conduction.

Tips for Screw Tip Irons

Stanley Iron No.	Tip No.	Type of Tip	Tip Body Size (in.)	Point Size (in.)	Price Each
320	**320T**	Copper	7/16 x 1½	3/16 x 1/16	**$0.60**
320	**121**	Armor Clad	7/16 x 1½	3/16 x 1/16	**1.30**
320	**121A***	Armor Clad	7/16 x 1½	3/16 x 1/16	**1.40**
320	**197**	Armor Clad	7/16 x 1½	3/16 x .045	**1.40**
330	**330T**	Copper	½ x 1¾	3/16 x 1/16	**.70**
330	**127**	Armor Clad	½ x 1¾	3/16 x 1/16	**1.40**
330	**127A***	Armor Clad	½ x 1¾	3/16 x 1/16	**1.50**
340	**340T**	Copper	9/16 x 2	3/16 x 1/16	**.75**
340	**122**	Armor Clad	9/16 x 2	3/16 x 1/16	**1.60**
340	**124**	Armor Clad	9/16 x 2	5/16 x 5/64	**2.35**
340	**126**	Armor Clad	9/16 x 2	⅛ x 1/16	**1.70**
350	**350T**	Copper	⅞ x 2¼	⅜ x ⅛	**1.50**
350	**155**	Armor Clad	⅞ x 2¼	⅜ x ⅛	**2.25**
350	**078**	Armor Clad	⅝ x 2	3/16 x 1/16	**2.20**
350	**078A***	Armor Clad	⅝ x 2	3/16 x 1/16	**2.40**
350	**079**	Armor Clad	⅝ x 2	5/16 x 5/64	**2.40**
350	**113**	Armor Clad	⅜ x 2¼	3/16 x 1/16	**2.40**
350	**125**	Armor Clad	⅜ x 2¼	⅛ x 1/16	**3.05**
350	**146**	Armor Clad	17/32 x 1 11/16	17/32 x 5/32‡	**2.35**
350	**154**	Armor Clad	⅜ x 1¾	11/64†‡	**2.50**
360	**360T**	Copper	1 x 2 7/16	7/16 x ⅛	**1.75**
360	**156**	Armor Clad	1 x 2 7/16	7/16 x ⅛	**2.65**
360	**123**	Armor Clad	⅝ x 2	5/16 x 5/64	**2.55**
370	**370T**	Copper	1⅛ x 2⅝	½ x 5/32	**3.15**
370	**157**	Armor Clad	1⅛ x 2⅝	½ x 5/32	**4.05**
380	**380T**	Copper	1⅜ x 2⅞	½ x 3/16	**3.75**
380	**158**	Armor Clad	1⅜ x 2⅞	½ x 3/16	**4.80**
390	**380T**	Copper	1⅜ x 2⅞	½ x 3/16	**3.75**
390	**158**	Armor Clad	1⅜ x 2⅞	½ x 3/16	**4.80**

* Special Tinning for use in telephone exchanges. † Conical Blunt. ‡ Blunt.

Tips for Stanley Electric Soldering Iorns



No. 147

No. 151

Tips for Plug Tip Irons

Stanley Iron No.	Tip No.	Type of Tip	Tip Body Size (in.)	Point Size (in.)	Price Each
345	**345T**	Copper	3/8 x 4	5/16 x 5/64	**$0.50**
345	**148**	Armor Clad	3/8 x 4	5/16 x 5/64	**1.50**
345	**256**	Armor Clad	3/8 x 4 3/4	1/16†	**1.50**
345	**147**	Armor Clad	3/8 x 4	3/16 x 1/16	**1.50**
345	**190**	Armor Clad	3/8 x 4	3/64 x 75°**	**1.50**
345	**191**	Armor Clad	3/8 x 4 1/2	5/32†	**1.50**
345	**192**	Armor Clad	3/8 x 4 1/2	3/16†	**1.50**
345	**193**	Armor Clad	3/8 x 4 1/2	7/32†	**1.50**
345	**272**	Copper	3/8 x 4	1/64 x 5/32	**.60**
345	**273**	Armor Clad	3/8 x 4	3/64 x 3/16	**1.80**
345	**285**	Armor Clad	3/8 x 4 1/2	3/64 x 3/64	**2.40**
345	**286**	Armor Clad	3/8 x 4 1/2	1/8 x 3/64	**2.40**
345	**289**	Armor Clad	3/8 x 4 1/2	15/64 Diam.	**1.80**
355	**355T**	Copper	1/2 x 4	5/16 x 5/64	**.60**
355	**150**	Armor Clad	1/2 x 4	5/16 x 5/64	**1.60**
355	**149**	Armor Clad	1/2 x 4	3/16 x 1/16	**1.60**
355	**151**	Armor Clad	1/2 x 4	17/32 x 5/32‡	**1.70**
355	**199**	Armor Clad	1/2 x 4	1/4 x 3/64	**1.60**
365	**365T**	Copper	5/8 x 4 1/8	5/16 x 5/64	**1.60**
365	**152**	Armor Clad	5/8 x 4 1/8	5/16 x 5/64	**2.55**
365	**153**	Armor Clad	5/8 x 4	17/32 x 5/32‡	**2.35**
385	**385T**	Copper	7/8 x 4 1/8	3/8 x 1/8	**2.10**
385	**162**	Armor Clad	7/8 x 4 1/8	3/8 x 1/8	**3.30**
—	**194**	Armor Clad	1/4 x 4 1/2	.218†	**1.40**

† Conical Blunt. ‡ Blunt. ** Roof Top.

Stanley-Victor Soldering Irons

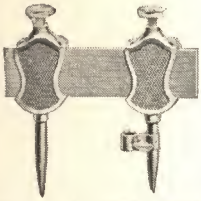
Popular priced Irons for light or intermittent soldering jobs in home, garage, repair and service shops. Operate on either A.C. or D.C. 110-120 volts. Compressed pure copper tips, replaceable. Ni-chrome heating element solidly embedded in electrical insulating materials. Cool, comfortable hardwood handle, black finish. Six-foot approved heater cord with rubber plug. Gun black finish on heating head.

No.	Watts	Tip Diam. (In.)	Wgt. Less Cord (Oz.)	Price Each
420	50	1/2	6 1/4	**$2.60**
435	80	3/4	9 1/4	**3.60**
450	140	1	12 3/4	**4.10**

Special Stanley Tools

TRAMMEL POINTS

A trammel is used to lay out the distance between two points and to scribe circles beyond the capacity of dividers.

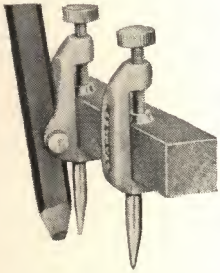


No. 2. Trammel Points

Bronze Trammel Points

They have steel points on which an accompanying pencil socket can be clamped. Bronze Bodies and Thumb Screws. Steel Points are hardened and polished. Pencil Clasp nickel plated.

No.	Adjustable to	Price per set
2	1 in.	**$3.05**



No. 4. Trammel Points

Iron Trammel Points

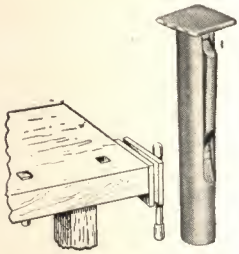
They can be attached to one side of a straight stick. Socket designed for carpenter pencil. Body and screws nickel plated. Steel Points hardened and polished.

No.	Adjustable to	Price per set
4	1¼ in.	**$1.55**

BENCH STOP

Can be inserted in the top of a bench by boring a ⅝ inch hole. Its height is adjustable—a stiff spring holds it in position. Nickel plated.

No.		Each
207	Length 2⅞ in.	**$1.00**



No. 207. Bench Stop

CORNERING TOOL

Used by pattern makers and woodworkers for rounding sharp edges. Different size cutter at each end.

No.	Cutter	Length	Each
28	1/16 in.—⅛ in.	5½ in.	**$0.60**
29	⅜ in.—¼ in.	5½ in.	**.60**

No. 28. Cornering Tool

HOME WORKSHOP TOOLS, BOOKS AND PLANS

Woodworking As a Hobby

There is a tremendous and growing interest in woodworking as a hobby. More and more boys, and men from all walks of life are finding pleasure, satisfaction and relaxation in their home workshops. Naturally when a person starts his workshop he is in some doubt as to the first tools to buy. As a result we have received many requests for a list of tools that will assure a proper selection for woodworking. This is given below and on the following pages.

The expense of procuring the tools listed should not be discouraging if you begin with the minimum set which we have listed as Primary Tools. The other tools may be added as the need presents itself.

A work bench can be bought or made at home. If you decide to make your bench, Stanley Plan Book or Stanley Plan Sheet No. 11 will give you all the necessary details. On pages 128 and 129 you will find complete information about the Stanley Plans that are available.

On the list of tools below, we have starred (*) a few of the common tools we recommend for persons who live in an apartment and who want just a few tools for handy repairs, such as planing doors that stick, making shelves, etc.

Be sure you get good tools. We cannot emphasize this too strongly. The long life of a quality tool makes it decidedly more economical. A tool that is designed and made right will give you confidence as you use it. Manufacturers put their names on quality tools and make every effort to guard against defects in material and workmanship. This assurance of quality is well worth the small difference in price. Good tools, like good friends, wear well. You will take pride in their possession.

Select your tools carefully, and gradually add to your set as required.

Primary Tools for a Home Workshop

	Stanley No.	*Page No.*
*1 Nail Hammer 13 oz.	52	133
1 Combination Square 12"	21	109
*1 Screw Driver 4" blade	20	80
1 Marking Gauge	65	111
1 Jack Plane 14"	5	34
or		
*1 Junior Jack Plane 11½"	5¼	34
1 set (13 pcs.) Auger Bits ¼" to 1" (Russell Jennings)	100	M
1 Ratchet Brace 8" or 10" sweep	923	63
1 set (6 pieces) Pocket Chisels, sizes ¼", ½", ¾", 1", 1¼", 1½"	40	93
1 Combination Oil Stone, fine and coarse 8" x 2" x 1"	..	..
1 Oiler	..	..
1 each Nail Set 2/32" tip and 4/32" tip	11¾	116
*1 Brad Awl 1½" blade	17	117
1 Rule 2' folding	61	19
*1 Rule 6' Pull-Push	6386	1[illegible]
or		
1 Rule 6' Zig Zag	106	1[illegible]
1 Hand cut off Saw 26"—10 pt.	..	..
1 Hand rip Saw 28"—5 pt.	..	..
or 22" or 24" may be desired	..	..
1 Hand Back Saw 12"—14 pt.	..	..
1 Sloyd Knife	..	..
*1 Block Plane 6"	118	3[illegible]
1 Auger Bit Gauge	49	6[illegible]
*1 Screw Driver 6", small blade	53	7[illegible]
*1 Hand Drill, ¼" chuck	1617	76
*1 pr. Combination Pliers 6"	..	..
Workbench, equipped with woodworking vise, practical sizes:		
60" long x 24" wide x 32" high		
52" long x 22" wide x 32" high		
42" long x 22" wide x 32" high		

Tools to be Added As Needed

	Stanley No.	Page No.
1 Coping Saw, extra saw blades.	..	..
1 Screw Driver, small 3″ blade..	121	84
1 Screw Driver, large 6″ blade..	20	80
1 pr. Dividers 8″.....	..	..
1 Smooth Plane 9″ or 8″.....	3, 4	34
1 Steel Square 24″ x 16″.....	100	106
1 T Bevel 8″ blade.....	18	110
1 Cabinet Scraper.....	80	56
1 Burnisher	185	57
1 Half Round Cabinet Rasp 10″.	..	..
1 Half Round Cabinet File 10″..	..	..
1 Smooth Mill File 10″.....	..	..
1 Auger Bit File.....	..	..
1 Slim Taper Saw File 8″.....	..	..
1 Round Bastard File 10″.....	..	..
1 Flat Bastard File 10″.....	..	..
6 File Handles for above.....	..	..
1 Wire Filecard	..	..
1 "Yankee" Automatic Drill....	41	I
1 "Yankee" Spiral Screw Driver	130A	B
1 Expansive Bit, large size, capacity ⅞″ to 2½″ with extra cutter (Russell Jennings)....	71	M
1 each Bit Stock Drill with square shank, 1/16″, 3/32″, ⅛″, 5/32″, 3/16″, 7/32″	..	..
1 each Straight Shank Carbon Drills for hand drill, 1/16″, 5/64″, 3/32″, 7/64″, 1/32″, 9/64″, 5/32″, 11/64″	..	..
1 Countersink ¾″ (for Bit Brace)	139	67
1 Countersink — Round Shank (for Hand Drills).....	139	67
1 Mallet 3″ face.....	..	..
1 Dowel Jig with 6 guides.....	59	72
2 Screw Driver Bits 5/16″, ⅜″..	26	84
3 Gouges, outside bevel, ¼″, ½″, 1″	..	..
1 Hand Axe 19″.....	..	..
1 Nail Hammer 7 oz.....	53	133
1 Nail Hammer 16 oz.....	51½	133
1 Riveting Hammer 4 oz.....	230	140
1 Level 24″	23	25
1 Draw Knife 10″.....	..	..
1 Ripping Bar 18″.....	118	155
1 Jointer Plane 22″.....	7	34
or Fore Plane 18″....	6	34
1 Rabbet Plane	78	43
1 Router Plane	71	50
1 Scrub Plane	40	41
1 Combination Plane (55 cutters)	55	46
or		
1 Combination Plane (23 cutters)	45	48
1 Plumb Bob	..	..
1 Saw Set	42	114
1 Compass Saw 14″.....	..	..
1 pr. Tinner's Snips 10″.....	..	..
1 "Yankee" vise with swivel base,	1992	J
1 Pipe Wrench Stilson type 14″	..	..
1 Monkey Wrench 8″.....	..	..
1 Open End Wrench 8″.....	..	..
1 Glue Pot and Glue Brush.....	..	..
1 Putty Knife	..	..
1 Scratch Awl	6	117
1 Spoke Shave	151	51
1 Spoke Shave convex bottom..	63	51
1 Electric Grinder 7″ wheels for plane irons and chisels and general grinding, 110 A.C. 60 cycles	677	..
or Hand Grinder.....	..	..
1 pr. Trammel Points.....	4	124
1 Soldering Iron, electric.....	340	120
1 Caliper Rule 1 ft.....	36½	20
1 Cold Chisel ¾″.....	99	147
1 Mortise Gauge	98	112
1 Breast Drill	741	71
1 Center Punch 5/64″ tip.....	10	116
2 Cornering Tools	28-29	124
1 Dowel Sharpener	22	115
1 Hammer Ball Pein 12 oz.....	309	137
1 Hammer, Upholsterers'	601	141
1 Mitre Box with 26″ saw.....	2246	99
1 Hack saw adj. and six 12″ blades	..	..
1 Dovetail Saw 6″ blade.....	..	..
1 Glass Cutter, 1 Bench Duster	...	..
2 C Clamps 4″ and 2 C Clamps 8″	..	..
2 Adjust. Hand Screws 6″ Jaws.	..	..
2 Adjust. Hand Screws 8″ Jaws.	..	..
2 Adjust. Hand Screws 10″ Jaws	..	..
2—4 ft. and 2—6 ft. Bar Clamps	..	..

STANLEY PLAN SETS—10¢ Per Set

You can obtain a wealth of ideas for things to make from these Plan Sets. Many of the projects can be made for gifts or for your own home. Each set contains five different plans, as listed, printed on 8½" x 11" pages, punched for looseleaf notebook.

Set No. 1—Hanging Shelves—10c

Contains These Plans:

Hanging Shelf with Drawer
Shelves for Recipes
Wall Shelf
What-Not Shelf
Corner Shelf

Set No. 2—Table Lamps—10c

Contains These Plans:

Modernistic Lamp
Night Lamp
Lamp and Pipe Rack
Lamp with Ash Tray
Modern Table Lamp

Set No. 3—Trays—10c

Contains These Plans:

Tid-Bit Tray
Tea Tray
Serving Tray
Pencil Tray
Tid-Bit Tray

Set No. 4—Bedside and Small Tables—10c

Contains These Plans:

Bedside Table
Coffee Table
Tilt Top Table
Oriental Table
Bedside Table

Set No. 5—Small Gift Projects—10c

Contains These Plans:

Stationery Holder
Book Ends
Door Knocker
Frame for Snapshots
Modernistic Book Ends

Set No. 6—Small Gift Projects—10c

Contains These Plans:

Flower Pot Holder
Turkey Book Ends
Desk Pen Holder
Modern Book Ends
Mint Dish

Set No. 7—Mirrors, Table, Footstool—10c

Contains These Plans:

Black and Gold Mirror
Colonial Table
Colonial Split-Column Mirror
Foot Stool
Ship's Wheel Mirror

Set No. 8—Smoking and Magazine Stands—10c

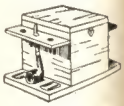
Contains These Plans:

Combination End Table
Book and Magazine Stand
Magazine Stand
Smoking and Magazine Stand
Smoking and Magazine Holder

Set No. 9—Boxes and Chests—10c

Contains These Plans:

Treasurer Chest
Shoe Shine Box
Treasure Chest
3" x 5" Card File
Pipe Rack & Humidor

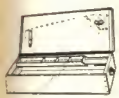


Set No. 10—Tables and Stands—10c

Contains These Plans:

Smoking or Fern Stand
Pipe Rack
Card and Game Table
Coffee Tray and Stand
Smoking Stand

Set No. 11—Workshop Equipment Lawn Chair—10c



Contains These Plans:

Sturdy Work Bench
Large Tool Chest
Tool Cabinet
Saw Horse
Adirondack Lazy Chair

Set No. 12—Household Articles—10c

Contains These Plans:

Portable Sewing Stand
Window Cornices
Pipe Rack and Shelf
Sewing Table
Book & Magazine Rack

Set No. 13—Coffee Table, Bookshelf, End Table, etc.—10c

Contains These Plans:

Drop Leaf Coffee Table
Wall Bookshelf
End Table
Fireplace Book Ends
Circus Toy

Set No. 14—Bird Houses and Garden Furniture—10c

Contains These Plans:

Bird Houses
Rustic Bird Houses
Garden Trellis
Garden Seat
Bird Nesting Shelter
Feeding Box

Set No. 15—Colonial Furniture—10c

Contains These Plans:

Magazine Case
Book and Magazine Stand
Book Stand
Magazine Stand
Bench

Set No. 16—Toys—10c

Contains These Plans:

Toy Wheelbarrow
Rocking Horse
Kiddie Push Car
Scooter
Toy Wagon

Set No. 17—Folding Tables and Trays—10c

Contains These Plans:

Collapsible Bed Tray
Combination Tray
Folding Snack Table
Picnic Case and Table
Match Box Holder

Set No. 18—Tables—10c

Contains These Plans:

Folding Coffee Table
Colonial Nest of Tables
Folding Card Table
Nest of Plain Tables
Revolving Book Stand and Table

Set No. 19—Household Articles—10c

Contains These Plans:

Dressing Glass
Bedside Chest of Drawers
Unique Sewing Kit
Portable Towel Rack
Child's Rocker

You can order these Plan Sets by writing direct to:

STANLEY TOOLS
New Britain, Conn.

Send check or stamps with your order

EARLY AMERICAN DESIGNS

Series A—Fifteen Designs—25¢
Series B—Fifteen Designs—25¢

Hobbyists will find these packets full of worthwhile projects. Many of the plans are adapted from museum pieces that make excellent projects for the home and for gifts. Working drawings are easy to follow, printed on the 8½" x 11" loose-leaf pages. Series A includes plans for Napkin Holder, Colonial Mirror, Spice Cabinet, Desk Box, Cricket and ten other designs. Series B includes plans for Corner Candlestand, Shoe Shine Box, Treasure Box, Coffee Table, Foot Stool with ten other designs.

"How to Work With Tools and Wood" — Revised Edition — $1.00

This book takes all the mystery out of using tools, selecting materials, planning and finishing work. It opens the way to make useful projects, to repair furniture and to do odd jobs around your home.

The book contains 185 pages of useful information and more than 150 illustrations and diagrams. A complete cross index makes it an instant reference book. The stiff board cover with cloth binding makes it an attractive and durably bound book.

Stanley Tool Guide—25¢

Here is a book that you will never lend, because you will be constantly referring to it. This Tool Guide or Manual contains thirty-two big pages (size 11 in. x 12 in.) of information on how to use and how not to use all of the common woodworking tools as well as some metal working tools. It is profusely illustrated; in fact, there are more pictures than words. Opened to the center, it presents a visual index that eliminates hunting for the information you want.

HAMMERS

Top of a Stanley Nail Hammer, showing wedges in place.

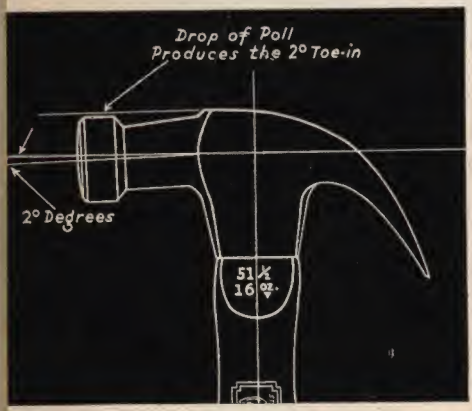


Diagram shows the fine points of the Stanley Nail Hammer design.

Cross sections of Stanley Hammer Heads before and after heat treating.

FACTS ABOUT STANLEY HAMMERS

1.

Hammer heads are forged from special analysis steel and "super heat treated"—two heat treatments—to bring out the full strength in the steel and to make a tougher head. Hardness is drawn from the tip ends of the claws to protect them from breakage.

2.

Perfect claws with uniform split and beveled grip that bites into a headless nail or the shank of a nail and pulls it every time.

3.

Exclusive "Evertite" process of preshrinking the eye end of Stanley Hammer Handles excludes all moisture and seals the wood to prevent swelling and shrinking. In addition, the tapered eye, two special metal wedges, and one wooden wedge assure tight handles.

4.

Smooth, live, straight-grained young hickory handles shaped to fit the hand.

5.

Two degree pitch or toe in of the striking face. Face slightly crowned. Wide chamfer or bevel on edge of faces. Correctly balanced throughout.

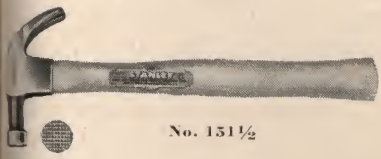
ASK FOR STANLEY HAMMERS AT YOUR DEALERS

STANLEY NAIL HAMMERS

These Hammers have ranked as best sellers for years and continue to be first choice of carpenters and other woodworkers. Look at these features: "Super-heat-treated" special analysis steel heads; exclusive Stanley design provides exceptional driving and pulling power; strong, straight-grain hickory handles securely wedged to heads; correctly balanced for easy handling.

Bell face, round neck and poll. Head s polished with black neck. Curved claw —semi-ripping pattern. Made in a variety of sizes to fit everyone's needs.

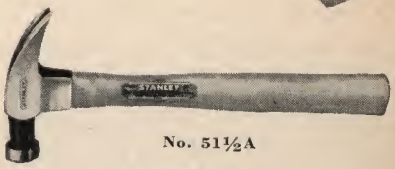
No.	Oz.	Size	Overall	Each
51	20	1	13½ in.	**$2.60**
51½	16	1½	13 in.	**2.35**
52	13	2	13 in.	**2.30**
52½	10	2½	12½ in.	**2.25**
53	7	3	12 in.	**2.25**
54	5	4	12 in.	**2.25**



No. 151½

WITH CROSS CHECKERED FACE

No.	Oz.	Size	Overall	Each
151	20	1	13½ in.	**$2.90**
151½	16	1½	13 in.	**2.65**



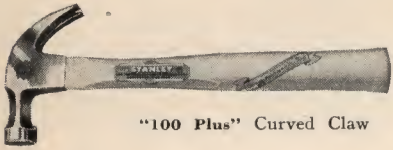
No. 51½A

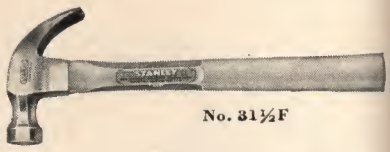
Ripping Claw

No.	Oz.	Size	Overall	Each
51A	20	1	13½ in.	**$2.60**
51½A	16	1½	13 in.	**2.35**

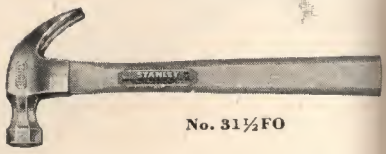
WITH CROSS CHECKERED FACE

151A	20	1	13½ in.	**$2.90**
151½A	16	1½	13 in.	**2.65**


"100 Plus" Curved Claw


No. 31½F

"100 Plus" Ripping Claw


No. 31½FO

Stanley Nail Hammers

All have "Super-Heat-Treated" heads, "Evertite" handles, and are highly finished.

"One Hundred Plus"

Drop forged from special high quality alloy steel—the finest hammer ever offered. Bell Face, Round Poll, Mirror Polish with Orange Ribs on neck and Black Enamel under claws. White lacquered hickory handle with octagon neck.

Curved Claw—Semi-Ripping Pattern

No.	Oz.	Size	Overall In.	Each
100 plus **11**	20	1	13½	**$3.25**
100 plus **11½**	16	1½	13	**3.25**
100 plus **12**	13	2	13	**3.25**

Ripping Claw

100 plus **21**	20	1	13½	**$3.25**
100 plus **21½**	16	1½	13	**3.25**

Packed in individual boxes.

Vanadium Alloy Steel

Head drop forged from Vanadium Alloy Steel and "Super-Heat-Treated" for strength and toughness. Highly polished finish with black under claws.

With Octagon Neck Handles

CURVED CLAW—SEMI-RIPPING

No.	Oz.	Size	Overall	Each
31F	20	1	13½ in.	**$3.00**
31½F	16	1½	13 in.	**2.75**
32F	13	2	13 in.	**2.70**

RIPPING CLAW

31FR	20	1	13½ in.	**$3.00**
31½FR	16	1½	13 in.	**2.75**

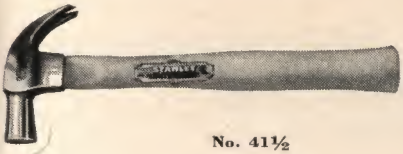
With Full Octagon Handles

CURVED CLAW—SEMI-RIPPING

No.	Oz.	Size	Overall	Each
31FO	20	1	13½ in.	**$3.00**
31½FO	16	1½	13 in.	**2.75**
32FO	13	2	13 in.	**2.70**

RIPPING CLAW

31RO	20	1	13½ in.	**$3.00**
31½RO	16	1½	13 in.	**2.75**



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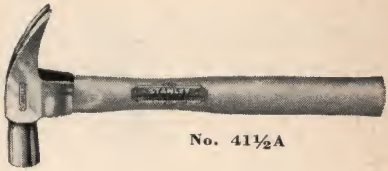

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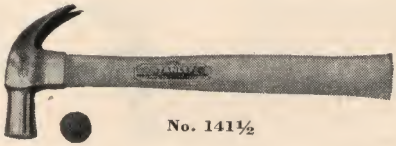


No. 141½

Stanley Nail Hammers

All have Super-Heat-Treated heads, "Evertite" hickory Handles and are highly finished. Checkered face claw hammers are used in Shipping and Packing Departments.

Plain Face—Curved Claw

Polished, with black neck. Semi-ripping pattern. Plain neck.

No.	Oz.	Size	Overall	Each
40	28	0	15 in.	**$2.95**
41	20	1	13½ in.	**2.60**
41½	16	1½	13 in.	**2.35**
42	13	2	13 in.	**2.30**

WITH CROSS CHECKERED FACE

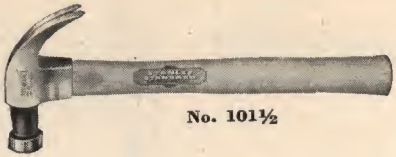
No.	Oz.	Overall	Each
141	20	13½ in.	**$2.90**
141½	16	13 in.	**2.65**

Plain Face—Straight Claw

Polished, with black neck. Ripping Pattern. Plain Neck.

No.	Oz.	Size	Overall	Each
41A	20	1	13½ in.	**$2.60**
41½A	16	1½	13 in.	**2.35**

The Metallurgist analyzes samples of steel for Stanley hammer heads.



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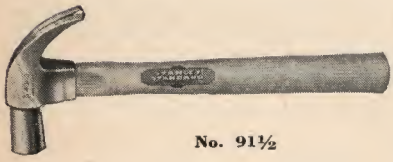

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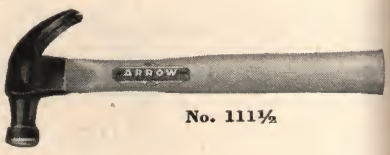


No. 111½

Stanley "Standard" Nail Hammers

Good grade, popular priced hammers for farm and home use. Heads are drop forged in positive dies and are hardened and tempered on face and claws. Handles are comfortably shaped from straight grain young hickory and are securely wedged.

Bell Face

Polished, with black neck. Curved claw—semi-ripping pattern, round neck and poll.

No.	Oz.	Size	Overall	Each
101	20	1	13½ in.	**$2.20**
101½	16	1½	13 in.	**1.95**
102	13	2	13 in.	**1.90**
103	7	3	12 in.	**1.85**

Plain Face

Polished, with black neck. Curved claw—semi-ripping pattern, plain neck.

No.	Oz.	Size	Overall	Each
91	20	1	13½ in.	**$2.20**
91½	16	1½	13 in.	**1.95**
92	13	2	13 in.	**1.80**

Stanley "Arrow" Nail Hammers

Good serviceable tools for farm and home. Polished on face; remainder of head finished in black enamel. Hickory handles securely wedged in the heads.

Bell Face

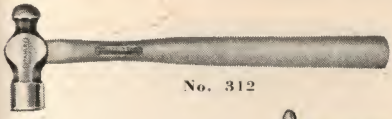
Curved claw—round neck and poll.

No.	Oz.	Size	Overall	Each
111½	16	1½	13 in.	**$1.55**

Bell Face—Ripping

Straight claw. Round neck and poll.

No.	Oz.	Size	Overall	Each
121½	16	1½	13 in.	**$1.55**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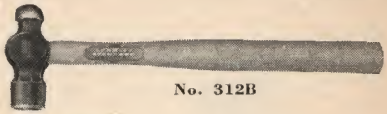
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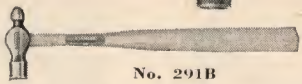
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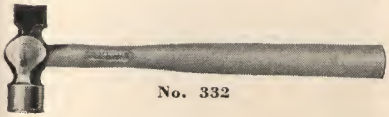
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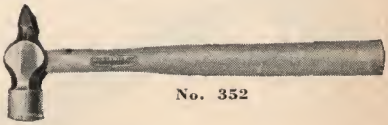

No. 352

Stanley Machinists' Hammers

"Stanley" have "Super-Heat-Treated" heads and "Evertite" hickory handles.

Ball Pein—Octagon Pattern

Stanley

Polished. Selected white hickory handles.

No.	Oz.	Size	Overall	Each
306	4	00000	10⅞ in.	**$1.55**
308	8	000	13 in.	**1.60**
309	12	00	14 in.	**1.70**
310	16	0	14½ in.	**1.75**
311	20	1	15 in.	**2.00**
312	24	2	16 in.	**2.05**
314	32	4	16 in.	**2.40**
316	40	6	16 in.	**2.70**

Stanley—Standard

Special black finish, polished face and pein. Hickory handles.

No.	Oz.	Size	Overall	Each
306B	4	00000	10⅞ in.	**$1.20**
308B	8	000	13 in.	**1.25**
309B	12	00	14 in.	**1.35**
310B	16	0	14½ in.	**1.40**
311B	20	1	15 in.	**1.65**
312B	24	2	16 in.	**1.70**
314B	32	4	16 in.	**2.00**
316B	40	6	16 in.	**2.30**

Stanley Midget Ball Pein

A light weight Ball Pein Hammer. Polished.

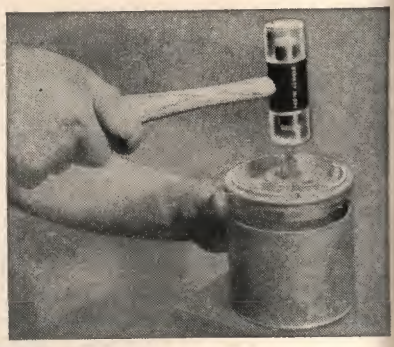
No.	Oz.	Size	Overall	Each
291B	2	7/0	10 in.	**$1.55**

Straight and Cross Pein. Polished

No.	Pein	Oz.	Size	Over-all	Each
332	Straight	24	2	16 in.	**$2.55**
352	Cross	24	2	16 in.	**2.55**

Splitting young hickory blocks into billets for Stanley hammer handles.

No. 594



Stanley Soft Face Hammers

The ideal hammers for forming soft metals, for calking boats, for assembly work, for automotive repairs and for home workshops. Renewable tips are made of a tough and resilient cellulose composition material that won't mar finely finished surfaces. Hickory handles are "Evertite" processed to prevent shrinking and are securely locked in steel center body.

Nos. 594 and 595 have the same size tip studs so that tips are interchangeable. Steel head is red, tips are amber color and handle is lacquered mahogany.

Hammers

No.	Type	Head weight	Handle Length	Each
592	Regular Face	1½ oz.	7⅝ in.	**$1.10**
593	Regular Face	¼ lb.	9 in.	**1.45**
594	Regular Face	½ lb.	11¾ in.	**1.90**
595	Regular Face	1 lb.	11¾ in.	**2.10**
5950	Regular Face	2 lbs.	12½ in.	**5.80**

Extra Tips

No.	Type	Diameters Inches	Fit Hammers	Each
592A	Regular	⅝ in., Rd.	592	**$0.25**
593A	Regular	⅞ in., Rd.	593	**.30**
594A	Regular	1¼ in., Rd.	594	**.40**
595A	Regular	1⅜ in., Rd.	595	**.45**
5950A	Regular	1⅝ in., Rd.	5950	**.80**

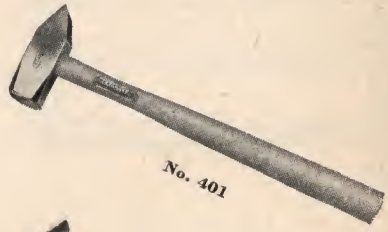
Stanley Hammers

"Super-Heat-Treated" Heads—"Evertite" Processed Hickory Handles

Blacksmiths' Hand

Polished

No.	Oz.	Size	Overall	Each
401	32	1	16 in.	**$2.55**
402	40	2	16 in.	**2.75**
403	48	3	16 in.	**3.05**

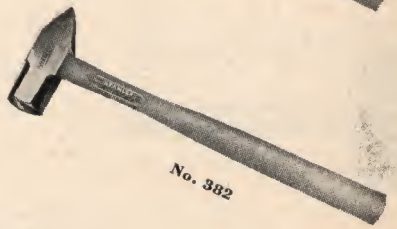


No. 401

Engineers'—Cross Pein

Polished

No.	Oz.	Size	Overall	Each
382	32	2	16 in.	**$2.55**
383	40	3	16 in.	**2.75**
384	48	4	16 in.	**3.05**



No. 382

Engineers'—Double Face

Polished

No.	Oz.	Size	Overall	Each
392	40	2	16 in.	**$2.75**
393	48	3	16 in.	**3.05**

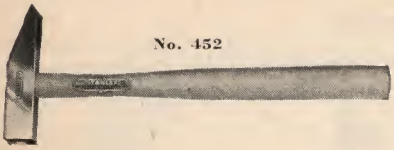
No. 392

Prospecting or Geologist Pick

Smooth black finish—polished face.

No.	Oz.	Size	Overall	Each
251	16	1	13 in.	**$2.35**
252	24	2	13 in.	**2.55**

No. 251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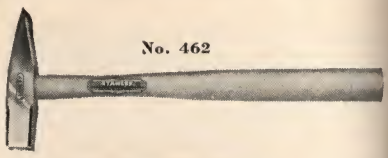
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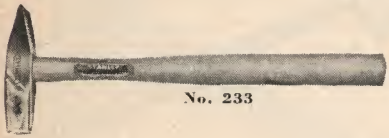
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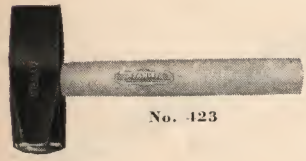
No. 431½A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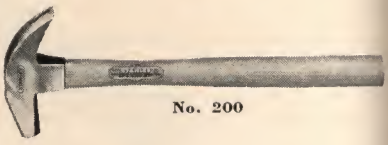

No. 200

Stanley Hammers

All have "Super-Heat-Treated" heads and "Evertite" processed hickory Handles.

Tinners' Setting or Paneing

Plain eye. Polished.

No.	Oz.	Size	Overall	Each
451	8	4	12 in.	**$1.75**
452	12	3	13 in.	**1.80**
453	16	2	14 in.	**1.95**

Machinists' Riveting

Plain eye. Polished.

No.	Oz.	Size	Overall	Each
230	4	0	11 in.	**$1.55**
231	7	1	12 in.	**1.55**
232	9	2	12 in.	**1.75**
233	12	3	13 in.	**1.80**
234	15	4	14 in.	**2.00**
235	18	5	14 in.	**2.15**

Bricklayers' Hammers— Adze Eye

Smooth black finish with polished faces.

No.	Oz.	Size	Overall	Each
431½A	24	1	11 in.	**$2.15**
432A	32	2	11 in.	**2.40**

Tinners' Riveting

Plain eye. Polished.

No.	Oz.	Size	Overall	Each
461	8	4	12 in.	**$1.75**
462	12	3	13 in.	**1.80**
463	16	2	14 in.	**1.95**

Coopers' Hammers

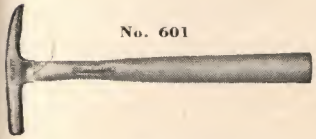
Smooth black finish.

No.	Oz.	Overall	Each
423	48	10 in.	**$2.55**
424	64	10 in.	**2.80**

Farriers' Hammers

Adze eye. Polished. Straight claw. Octagon poll.

No.	Oz.	Overall	Each
200	10	13 in.	**$2.10**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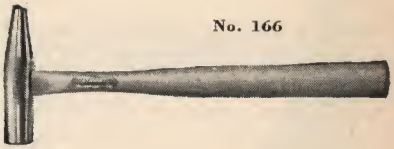
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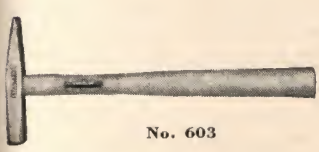
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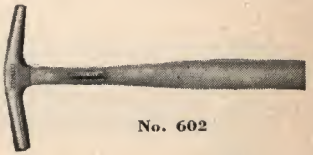
No. 605


No. 602

Stanley Tack and Upholsterers' Hammers

Except where noted all are forged from the finest magnetic steel, are "Super-Heat-Treated," and fitted with "Evertite" processed handles.

Magnetic Bill Posters' Hammers

Plain eye. Polished

No.	Oz.	Overall	Each
165	5	12 in.	**$1.70**
166	7½	12 in.	**1.85**

Magnetic Tack Hammer

No.	Oz.	Head	Overall	Each
601	5	4¾ in.	12 in.	**$1.70**
6010	Same as above, except with No. **605** Claw			**2.25**

Magnetic Upholsterers' Hammer

No.	Oz.	Head	Overall	Each
602	7	5½ in.	10¾ in.	**$2.05**
6020	Same as above, except with No. **605** Claw			**2.55**

Trimmers' Hammer

High Carbon Steel—Not Magnetic

No.	Oz.	Head	Overall	Each
603	7	5⅛ in.	12 in.	**$2.05**
6030	Same as above, except No. **605** Claw			**2.55**

Tack Claw

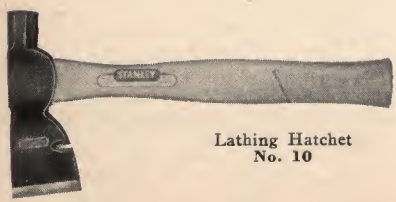
A handy accessory for any tack hammer. Applied to end of handle. Forged steel.

No.	Each
605	**$0.50**

"100 Plus"
No. 11½
Half Hatchet

Half Hatchet
No. 11½
Haines Pattern

Half Hatchet
No. 22



Lathing Hatchet
No. 10

STANLEY HATCHETS

A line of best selling hatchets offered to those who want quality hatchets as well as hammers. Heads are forged from finest edge tool steel and carefully tempered to hold a keen cutting edge. Selected high grade, hickory handles are specially treated to exclude moisture and are securely wedged to heads. Heads have smooth black velvet finish or polished finish.

"One Hundred Plus"

Special Half Hatchet for carpenters. Round poll, octagon neck, beveled nail slot. Octagon neck handle.

No.	Cut	Overall	Each
1½	3⅝ in.	13 in.	**$2.85**

Half Hatchet

Haines pattern. Full polished. Thin blade. Beveled nail slot.

No.	Cut	Overall	Each
11½	3¼ in.	13 in.	**$3.90**

Half Hatchet

Octagon head. Beveled nail slot.

No.	Cut	Overall	Each
22	3⅝ in.	13 in.	**$2.65**

Lathing Hatchet

Standard pattern. Beveled nail slot. Octagon head.

No.	Cut	Overall	Each
10	2¼ in.	12¼ in.	**$2.85**

Lathing Hatchet

Underhill pattern. Thin blade. Full polished. Oval scored head, 12 rows—144 points.

No.	Cut	Overall	Each
11	2⅛ in.	12¼ in.	**$3.85**

Broad Hatchets

Single bevel cutting edge.

No.	Cut	Overall	Each
32	4½ in.	15½ in.	**$2.90**
34	5½ in.	16 in.	**3.45**

Claw Hatchet

No.	Cut	Overall	Each
42	4 in.	14 in.	**$2.90**

Flooring Hatchet

Beveled nail slot.

No.	Cut	Overall	Each
51	4 in.	14 in.	**$2.90**

Hunters Axe

Well balanced, handy tool for hunters, campers and householders.

No.	Cut	Overall	Each
2	3½ in.	19 in.	**$2.50**

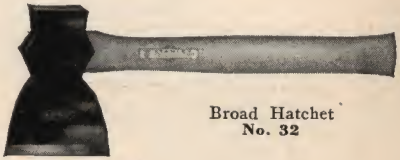
Camp Axe

For campers, scouts, hunters and motorists. Heavy head for driving. Beveled nail slot.

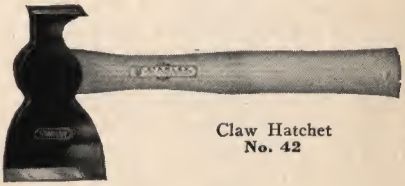
No.	Cut	Overall	Each
1¼	3¼ in.	14 in.	**$2.30**
11¼	(with sheath)		**2.90**

Hunters Axe
No. 2

Lathing Hatchet
No. 11



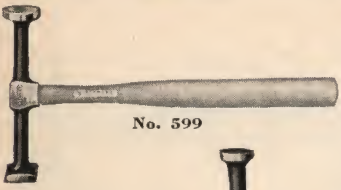
Broad Hatchet
No. 32



Claw Hatchet
No. 42

Flooring Hatchet
No. 51

Camp Axe
No. 1¼



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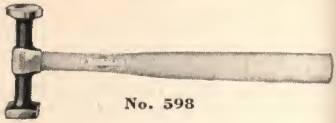

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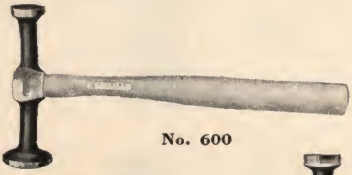

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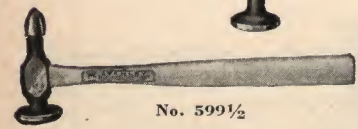

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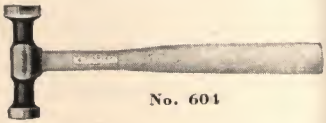


No. 604

Stanley Auto Body and Fender Hammers

Forged from special steel and tempered individually. The handles are made from the finest grade selected, straight grain young hickory.

Light Dinging Hammer

Alloy Steel. A light weight, finishing hammer. Polished with black necks.

No.	Oz.	Dimensions	Each
599	10	Head—6½ in. long Round Face—1¼ in. dia. Square Face—1 1/16 in. sq. Overall—11½ in.	**$2.40**

Dinging Hammer

Alloy Steel. Polished with black necks.

No.	Oz.	Dimensions	Each
600	13	Head—6 in. long Large Face—1⅝ in. dia. Small Face—1¼ in. dia. Overall—12 in.	**$2.40**

Light Bumping Hammer

Alloy Steel. A light weight finishing hammer. Polished with black necks.

No.	Oz.	Dimensions	Each
598	9	Head—4 in. long Round Face—1¼ in. dia. Square Face—1⅛ in. sq. Overall—11½ in.	**$1.50**

Bumping Hammer

Alloy Steel. Polished with black necks.

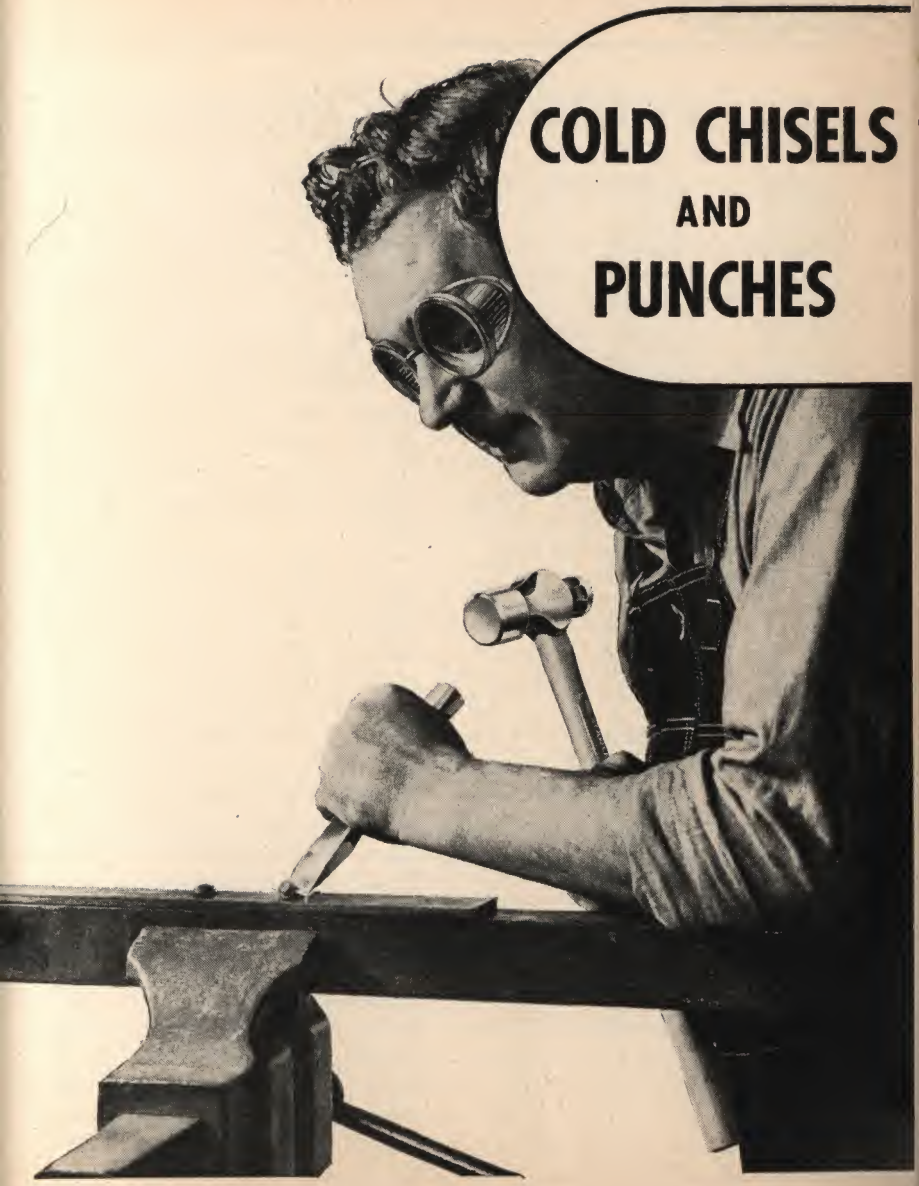
No.	Oz.	Dimensions	Each
604	14	Head—4¼ in. long Round Face—1¼ in. dia. Square Face—1¼ in. sq. Overall—12 in.	**$1.55**

Special Bumping Hammer

Bullet shaped end makes it easy to remove small dents. Drop forged. Face polished. Body black. Hickory handle.

No.	Oz.	Head	Each
599½	7	4 in. long	**$2.10**

COLD CHISELS AND PUNCHES



STANLEY COLD CHISELS AND PUNCHES

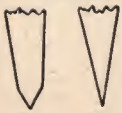
of High Quality Alloy Steel

Great care is taken in making the steel. All metals are carefully selected and care taken in the proper control of the analysis of the raw material. This procedure insures a steel for Stanley Chisels and Punches that is the finest that can be secured for the purpose.

The working bits of Stanley Chisels and Punches are drawn out under trip hammers. This tends to further refine the steel. The hardening and tempering is done by skilled workmen. Knowing that the finest tools can be ruined if not properly heat treated every possible care is exercised in this part of our work.

The heads of the tools are not hardened as they might chip when struck and cause injury to the workman. For this reason they will batter down somewhat from continual striking. When the head of a chisel or punch has feathered out, dress it down on a grindstone or with a file. A badly turned over head will eventually throw off chips when struck.

Stanley Chisels and Punches **can be resharpened with a file** and we recommend this practice rather than sharpening them on a grindstone where there is a danger of drawing the temper. Many mechanics are surprised that these tools are soft enough to sharpen with a file but so tough they withstand strains that break ordinary tools. In filing the Chisels be sure the bit is centered and the original bevel maintained.



The steel used in these tools is an oil hardening steel and we strongly advise against redressing them in the fire without first obtaining from us the correct forgings and drawing heats and the method of oil hardening and tempering.

The Chisels will cut any kind of material that is not tempered—rivets, steel, concrete, soil pipe, etc. The punches can be driven through machinery steel the thickness of the diameter of the punch point. They cost somewhat more than ordinary tools but considered on a work value basis, the satisfaction resulting from their use and the time saved, **they are decidedly more economical than cheaper tools.**

STANLEY COLD CHISELS

No. 99—Chrome-Vanadium Alloy Steel

Flat Pattern

Built for the exacting mechanic who wants a chisel that will stand up under the hardest work—cut cast iron, alloy steels, concrete, etc., and still hold its cutting edge, yet soft enough to resharpen with a file.

Drop forged, oil hardened, and tempered by a special process that insures a tough cutting edge. Plated with heads and bits buffed.

Size of Stock, in.	3/8	1/2	5/8
Width of Bit, in.	7/16	5/8	3/4
Length, in.	5 1/2	6 1/4	7
Price	**$0.75**	**$0.85**	**$0.95**
Size of Stock, in.	3/4	7/8	1
Width of Bit, in.	7/8	1	1 1/4
Length, in.	7 1/2	8	8 1/4
Price	**$1.20**	**$1.40**	**$1.60**

No. 74—"Strait Cut"

Silicon Manganese Alloy Steel

Octagon Pattern

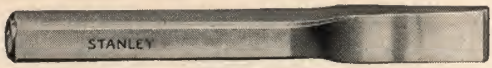
With these Cold Chisels the size of the bit and the size of the stock are identical.

Forged from silicon manganese alloy steel, they are strong, tough tools that will stand severe use. The bits are drawn under trip hammers and properly tapered. Body is black. Polished on head and bit.

Size	Length	Each
1/4 in.	5 in.	**$0.30**
5/16 in.	5 1/4 in.	**.30**
3/8 in.	5 1/2 in.	**.35**
1/2 in.	6 1/4 in.	**.45**
5/8 in.	7 in.	**.60**
3/4 in.	7 1/2 in.	**.75**
7/8 in.	8 in.	**1.00**
1 in.	8 1/2 in.	**1.15**

No. 99

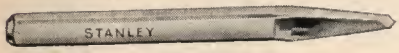
No. 74



No. 993

No. 651

No. 636



No. 655

No. 638

No. 661

No. 641

Stanley Chisels and Punches

Quarter Octagon Pattern — Special Analysis Alloy Steel

De luxe quality. Forged, hammer drawn, oil hardened and carefully tempered for toughness and strength. Plated finish with buffed heads and tapers. The distinctive shape prevents rolling. Chisels are soft enough to sharpen with a file, but tough enough to cut cast iron, tool steel, concrete, etc.

Hand Cold Chisels

No.	993	994	995	996	997	No. 9914	No. 9916
Size of stock, inch	3/8	7/16	1/2	5/8	3/4	3/4	7/8
Width of bit, inch	1/2	9/16	5/8	3/4	7/8	7/8	1
Length, inches	5 1/2	5 1/2	6	6 1/2	7 1/2	14	16
Price	$0.58	$0.64	$0.70	$0.92	$1.06	$2.15	$2.90

Cape Chisels

No.	650	651	652
Width, Bit, in.	1/8	1/4	3/8
Size, Stock, in.	3/8	1/2	5/8
Length, in.	5 3/4	6 1/4	7
Price	$0.63	$0.80	$0.92

Diamond Point Chisels

No.	654	655	656	657	658
Width, Bit, in.	1/8	1/4	3/8	1/2	5/8
Size, Stock, in.	3/8	1/2	5/8	3/4	7/8
Length, in.	5 1/2	6	7	7 1/2	8
Price	$0.63	$0.80	$0.92	$1.20	$1.50

Round Nose Chisels

No.	661	662
Width, Bit, in.	1/4	3/8
Size, Stock, in.	1/2	5/8
Length, in.	6	7
Price	$0.80	$0.92

Prick Punches

No.	635	636
Size, Stock, in.	3/8	1/2
Length, in.	5	5 1/2
Price	$0.55	$0.63

Center Punches

No.	637	638
Size, Stock, in.	3/8	1/2
Length, in.	5	5 1/2
Price	$0.55	$0.63

Hand Punches

No.	640	641	642	643	644
Diam. Pt., in.	1/16	1/8	3/16	1/4	5/16
Size, Stock, in.	3/8	1/2	5/8	3/4	7/8
Length, in.	5 1/2	6 1/4	7	8 1/4	8 3/4
Price	$0.55	$0.64	$0.96	$1.20	$1.30

No. 630

No. 645

No. 624

No. 619

Stanley Special Punches and Bars

Special Analysis Alloy Steel

Long Tapered Punch

No.	630	631	632
Diam. Pt.	5/32 in.	6/32 in.	8/32 in.
Size, Stock	3/8 in.	1/2 in.	5/8 in.
Length	8 in.	9 in.	10 1/2 in.
Price	**$0.75**	**$0.85**	**$1.25**

Pin Punch

No.	645	646	647	648
Diam. Pt.	4/32 in.	6/32 in.	8/32 in.	10/32 in.
Size, Stock	3/8 in.	1/2 in.	1/2 in.	5/8 in.
Length	5 in.	5 1/2 in.	6 in.	6 1/2 in.
Price	**$0.55**	**$0.65**	**$0.65**	**$0.85**

Lining Up Bar

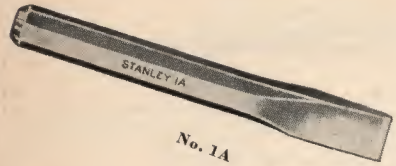
Long tapered point correctly hardened and tempered.

No.	624
Diam. Point	1/4 in.
Size, Stock	1/2 in.
Length	12 in.
Price	**$1.05**

Jimmy Bar

A combination tool for aligning and prying.

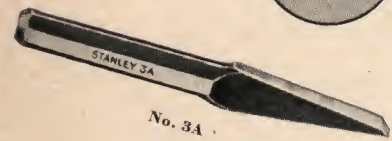
No.	619	620
Size, Stock	1/2 in.	5/8 in.
Length	14 in.	16 in.
Price	**$1.45**	**$1.75**



No. 1A

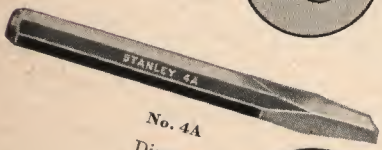
No. 2A

Cape Chisels



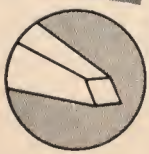
No. 3A

Round Nose



No. 4A

Diamond Point



STANLEY COLD CHISELS

ALLOY STEEL

EXTRA QUALITY AND FINISH

No. 1A Hand Cold Chisels

Specify number and size of stock.

Size of Stock	Width of Bit	Length	Price
¼ in.	5/16 in.	5 in.	$0.40
5/16 in.	⅜ in.	5¼ in.	.40
⅜ in.	½ in.	5½ in.	.40
7/16 in.	½ in.	6 in.	.45
½ in.	⅝ in.	6¼ in.	.50
⅝ in.	¾ in.	7 in.	.60
¾ in.	⅞ in.	7½ in.	.80
⅞ in.	1 in.	8 in.	.95
1 in.	1¼ in.	8½ in.	1.20

No. 2A Cape Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.70
5/16 in.	½ in.	6¼ in.	.70
⅜ in.	⅝ in.	7 in.	.80
½ in.	¾ in.	7½ in.	.90
⅝ in.	⅞ in.	8 in.	.95
¾ in.	1 in.	8½ in.	1.25

No. 3A Round Nose Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.70
5/16 in.	½ in.	6¼ in.	.70
⅜ in.	⅝ in.	7 in.	.80
½ in.	¾ in.	7½ in.	.90
⅝ in.	⅞ in.	8 in.	.95
¾ in.	1 in.	8½ in.	1.25

No. 4A Diamond Point Chisels

Specify number and width of bit.

Size of Point	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.70
5/16 in.	½ in.	6¼ in.	.70
⅜ in.	⅝ in.	7 in.	.80
½ in.	¾ in.	7½ in.	.90
⅝ in.	⅞ in.	8 in.	.95
¾ in.	1 in.	8½ in.	1.25

STANLEY
MACHINISTS' PUNCHES
ALLOY STEEL
EXTRA QUALITY AND FINISH

Work value tools that will out-last ordinary tools many times over. Forged from alloy steel, correctly hardened and tempered. Attractively finished.

No. 5A Hand Punches

Specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
1/16 in.	3/8 in.	5 1/2 in.	**$0.45**
1/8 in.	1/2 in.	6 1/4 in.	**.50**
3/16 in.	5/8 in.	7 in.	**.55**
1/4 in.	3/4 in.	7 1/2 in.	**.70**
5/16 in.	7/8 in.	8 1/2 in.	**.90**

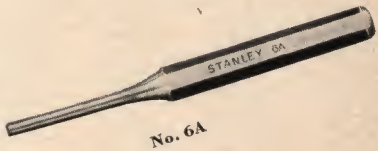
No. 5A

No. 6A Machine Punches

Special Taper with Clearance

Specify number, diameter of point and size of stock.

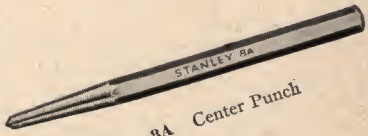
Diam. of Point	Size of Stock	Length	Price
4/32 in.	3/8 in.	5 3/4 in.	**$0.50**
5/32 in.	3/8 in.	5 3/4 in.	**.50**
6/32 in.	1/2 in.	6 1/4 in.	**.55**
8/32 in.	5/8 in.	7 in.	**.70**
10/32 in.	3/4 in.	7 1/2 in.	**.85**



No. 6A

Center Punch

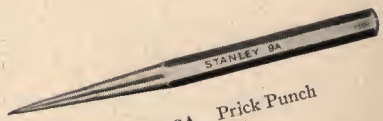
No.	Stock	Length	Each
8A	3/8 in.	5 in.	**$0.40**



No. 8A Center Punch

Prick Punch

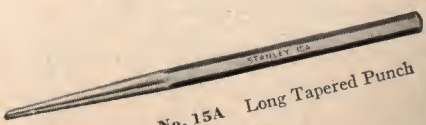
No.	Stock	Length	Each
9A	3/8 in.	5 in.	**$0.40**



No. 9A Prick Punch

Long Tapered Punches

No.	Diamond Point	Stock	Length	Each
15A	5/32 in.	3/8 in.	8 in.	**$0.55**
16A	6/32 in.	1/2 in.	9 in.	**.65**



No. 15A Long Tapered Punch

No. 1B

No. 4B

No. 2B

No. 1C. Hand Cold Chisel

No. 3B

Stanley Cold Chisels

They are forged from alloy steel, carefully hardened and tempered, with bits hammer drawn and toughened. Black forge finish with polished heads and bits.

No. 1B. Hand Cold Chisels

Specify number, size of stock, and length.

Size of Stock	Width of Bit	Length	Price
¼ in.	5/16 in.	5 in.	$0.30
5/16 in.	⅜ in.	5¼ in.	.30
⅜ in.	7/16 in.	5½ in.	.36
7/16 in.	½ in.	6 in.	.37
½ in.	⅝ in.	6¼ in.	.43
⅝ in.	¾ in.	7 in.	.60
¾ in.	⅞ in.	7½ in.	.75
⅞ in.	1 in.	8 in.	1.00
1 in.	1¼ in.	8½ in.	1.05

No. 1B. Long Cold Chisels

Size of Stock	L'gth	Price	Size of Stock	L'gth	Price
½ in.	12 in.	$0.80	⅞ in.	12 in.	$1.40
⅝ in.	12 in.	.95	⅞ in.	18 in.	1.75
⅝ in.	18 in.	1.10	⅞ in.	24 in.	2.15
¾ in.	12 in.	1.10	1 in.	12 in.	1.55
¾ in.	18 in.	1.40	1 in.	18 in.	2.25

No. 2B. Cape Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.55
5/16 in.	½ in.	6¼ in.	.55
⅜ in.	⅝ in.	7 in.	.65
½ in.	¾ in.	7½ in.	.75
⅝ in.	⅞ in.	8 in.	.90
¾ in.	1 in.	8½ in.	1.10

No. 3B. Round Nose Chisels

Specify number and width of bit.

Width of Bit	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.55
5/16 in.	½ in.	6¼ in.	.55
⅜ in.	⅝ in.	7 in.	.65
½ in.	¾ in.	7½ in.	.75
⅝ in.	⅞ in.	8 in.	.90
¾ in.	1 in.	8½ in.	1.10

No. 4B. Diamond Point Chisels

Specify number and size of point.

Size of Point	Size of Stock	Length	Price
¼ in.	½ in.	6¼ in.	$0.55
5/16 in.	½ in.	6¼ in.	.55
⅜ in.	⅝ in.	7 in.	.65
½ in.	¾ in.	7½ in.	.75
⅝ in.	⅞ in.	8 in.	.90
¾ in.	1 in.	8½ in.	1.10

Carbon Tool Steel

For those who do not require the extra "work value" in our alloy steel chisels and punches. They are forged from high grade carbon tool steel and are carefully hardened and tempered. Black forge finish.

No. 1C. Hand Cold Chisels

Size of Stock	Width of Bit	Length	Price
¼ in.	5/16 in.	5 in.	$0.25
5/16 in.	⅜ in.	5¼ in.	.25
⅜ in.	7/16 in.	5½ in.	.25
7/16 in.	½ in.	6 in.	.30
½ in.	⅝ in.	6¼ in.	.35
⅝ in.	¾ in.	7 in.	.45
¾ in.	⅞ in.	7½ in.	.55
⅞ in.	1 in.	8 in.	.80
1 in.	1¼ in.	8½ in.	1.00

No. 1C. Long Cold Chisels

Size of Stock	Length	Price
½ in.	12 in.	$0.60
⅝ in.	12 in.	.70
⅝ in.	18 in.	.90
¾ in.	12 in.	.85
¾ in.	18 in.	1.20
⅞ in.	12 in.	1.15
⅞ in.	18 in.	1.55
1 in.	12 in.	1.25
1 in.	18 in.	1.95

No. 5B

No. 9B

No. 6B

No. 5C. Hand Punch

No. 8B

No. 544

Stanley Machinists' Punches

No. 5B. Hand Punches

When ordering, specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
1/16 in.	3/8 in.	5 1/2 in.	$0.38
1/8 in.	1/2 in.	6 1/4 in.	.43
3/16 in.	5/8 in.	7 in.	.53
1/4 in.	3/4 in.	7 1/2 in.	.65
5/16 in.	7/8 in.	8 1/4 in.	.85
3/8 in.	1 in.	9 in.	1.05

No. 6B. "Pin" Punches

When ordering, specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
4/32 in.	3/8 in.	5 3/4 in.	$0.42
5/32 in.	3/8 in.	5 3/4 in.	.42
6/32 in.	1/2 in.	6 1/4 in.	.47
8/32 in.	5/8 in.	7 in	.55
10/32 in.	3/4 in.	7 1/2 in.	.65

Center Punch

No.	Stock	Length	Each
8B	3/8 in.	5 in.	$0.36

Prick Punch

No.	Stock	Length	Each
9B	3/8 in.	5 in.	$0.36

Long Tapered Punches

No.	Diameter Point	Stock	Length	Each
15B	5/32 in.	3/8 in.	8 in	$0.42
16B	6/32 in.	1/2 in.	9 in.	.55

No. 5C. Hand Punches

These are heavier than machine punches. Specify number and diameter of point.

Diam. of Point	Size of Stock	Length	Price
1/16 in.	3/8 in.	5 1/2 in.	$0.25
1/8 in.	1/2 in.	6 1/4 in.	.33
3/16 in.	5/8 in.	7 in.	.40
1/4 in.	3/4 in.	7 1/2 in.	.45
5/16 in.	7/8 in.	8 1/4 in.	.60
3/8 in.	1 in.	9 in.	.75

Light Pin Punches

Useful tools for driving pins on generators and similar delicate work, following long cotter pins, etc. They are hardened and tempered their entire length; the shanks are machine knurled and the points polished.

No.	Point	Stock	Overall	Price
540	1/16 in.	3/16 in.	2 5/8 in.	$0.25
541	5/64 in.	3/16 in.	2 15/16 in.	.25
542	3/32 in.	3/16 in.	3 1/4 in.	.25
543	1/8 in.	1/4 in.	3 5/8 in.	.25
544	5/32 in.	1/4 in.	4 in.	.25
545	3/16 in.	1/4 in.	4 in.	.25
546	3/16 in.	3/8 in.	4 in.	.30
547	7/32 in.	3/8 in.	4 in.	.30
548	1/4 in.	3/8 in.	4 in.	.30

Kits of Pin Punches

In Heavy Canvas Pockets

No. **552** 6 Punches

1 each 1/16 in., 5/64 in., 3/32 in., 1/8 in., 5/32 in., and 3/16 x 1/4 in. Price **$2.05**

No. **553** 9 Punches

1 of each size Price **$3.10**

No. 91K

No. 92K

No. 93K

No. 71K

COLD CHISEL AND PUNCH KITS

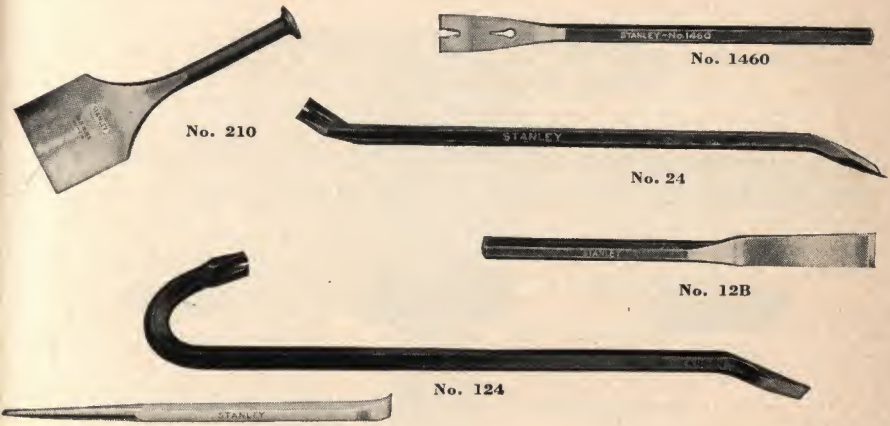
No. 72K

The Cold Chisels and Punches in the 70 series of kits are silicon manganese alloy steel; which produces strong, tough, tools at reasonable prices. These tools have polished heads and bits, with black japan finish on body. Kits have transparent pliofilm pockets with tape strings.

The 90 series of kits contain chisels and punches made of chrome vanadium alloy steel. Bits are hammer drawn, chromium plated with buffed heads and tapers. Kits are canvas with transparent plastic pockets, tape ties.

No. 73K

No.	Contains	Each
71K	1 each No. 74 Chisels—¼, ⅜, ½, ⅝ in.	**$1.95**
72K	1 each Machine Punches No. 6B—4/32, 5/32, 6/32 in. and Hand Punch No. 5B—⅛ in.	**1.95**
73K	1 each Chisels No. 74—⅜, ½ in., Hand Punch No. 5B—⅛ in., Machine Punch No. 6B—5/32 in. and Center Punch No. 8B	**2.20**
91K	1 each Chisels Nos. 993—⅜ in., No. 994—7/16 in., No. 995—½ in., No. 996—⅝ in.	**3.10**
92K	1 each Pin Punches Nos. 645, 646, 647 and Hand Punch No. 641—⅛ in.	**2.75**
93K	1 each Chisels Nos. 993—⅜ in., No. 995—½ in., Center Punch No. 637, Hand Punch No. 641 and Pin Punch No. 645.	**3.30**



No. 1460

No. 210

No. 24

No. 12B

No. 124

No. 619

Stanley Ripping Bars and Chisels

These tools are forged from high grade hexagon tool steel and are exceptionally strong and sturdy. Body black baked japan. Bits nicely polished.

Goose Neck Ripping Bars

No.	Size	Price
112	½ in. x 12 in.	**$0.70**
118	⅝ in. x 18 in.	**1.05**
124	¾ in. x 24 in.	**1.50**
130	¾ in. x 30 in.	**1.75**
136	¾ in. x 36 in.	**1.90**
	HEAVY DUTY BAR	
2136	⅞ in. x 36 in.	**2.50**

Electricians Cutting Chisel

Alloy Steel. Blades Polished, Handle Black. Designed to cut off the tongue on floor boards. Bit is tempered to cut nails.

No.		Price
210	2¾ in. cutting edge, ½ in. Stock, 8 in. long	**$2.10**

Jimmy Bar

A combination tool for aligning and prying. Alloy Steel. Plated finish.

No.	Stock	Length	Each
619	½ in.	14 in.	**$1.47**
620	⅝ in.	16 in.	**1.75**

Straight Ripping Bars

No.	Size	Price
24	¾ in. x 24 in.	**$1.40**
30	¾ in. x 30 in.	**1.50**
36	¾ in. x 36 in.	**1.75**

No. 1460. Ripping Chisel

¾ in. stock, 1⅝ in. cutting edge, 18 in. long. Price **$1.75**

No. 1470. Floor and Clapboard Chisel

¾ in. stock, 2 in. cutting edge, 18 in. long. Price **$1.75**

Plumbers' Wood Chisels

Alloy Steel.

No.	Stock	Bit	Length	Each
12B	½ in.	¾ in.	10 in.	**$0.90**
13B	⅝ in.	1 in.	11 in.	**1.05**
14B	¾ in.	1¼ in.	12 in.	**1.20**

No. 608—Rivet Set

No. 628—Rivet Buster

No. 561

No. 570

No. 1070

Stanley-Atha Automotive Service Tools

No. 608. Rivet Set

Designed for riveting ring gears and for heading chassis rivets. Made in three sizes; when ordering give number (608) and rivet size.

For Rivets	1/4 in.	5/16 in.	3/8 in.
Size of Stock	3/4 in.	7/8 in.	7/8 in.
Length	7 1/4 in.	7 1/4 in.	7 1/4 in.
Price	**$1.60**	**$1.75**	**$1.75**

Rivet Buster

A useful tool for dismantling old cars. Designed principally to reach chassis rivets and other places difficult to get at.

No.	**628**	**629**
Size of Stock	3/4 in.	7/8 in.
Width of Bit	5/8 in.	3/4 in.
Length	12 in.	18 in.
Price	**$1.95**	**$3.30**

Stanley-Atha Coopers' Tools

Drivers—Regular Pattern

No.	Lbs.	Length	Edge	Each
561	1	4 3/4 in.	1 1/4 in.	**$1.20**
562	1 5/16	5 1/4 in.	1 3/8 in.	**1.55**

Extra for handling, **$0.50** each

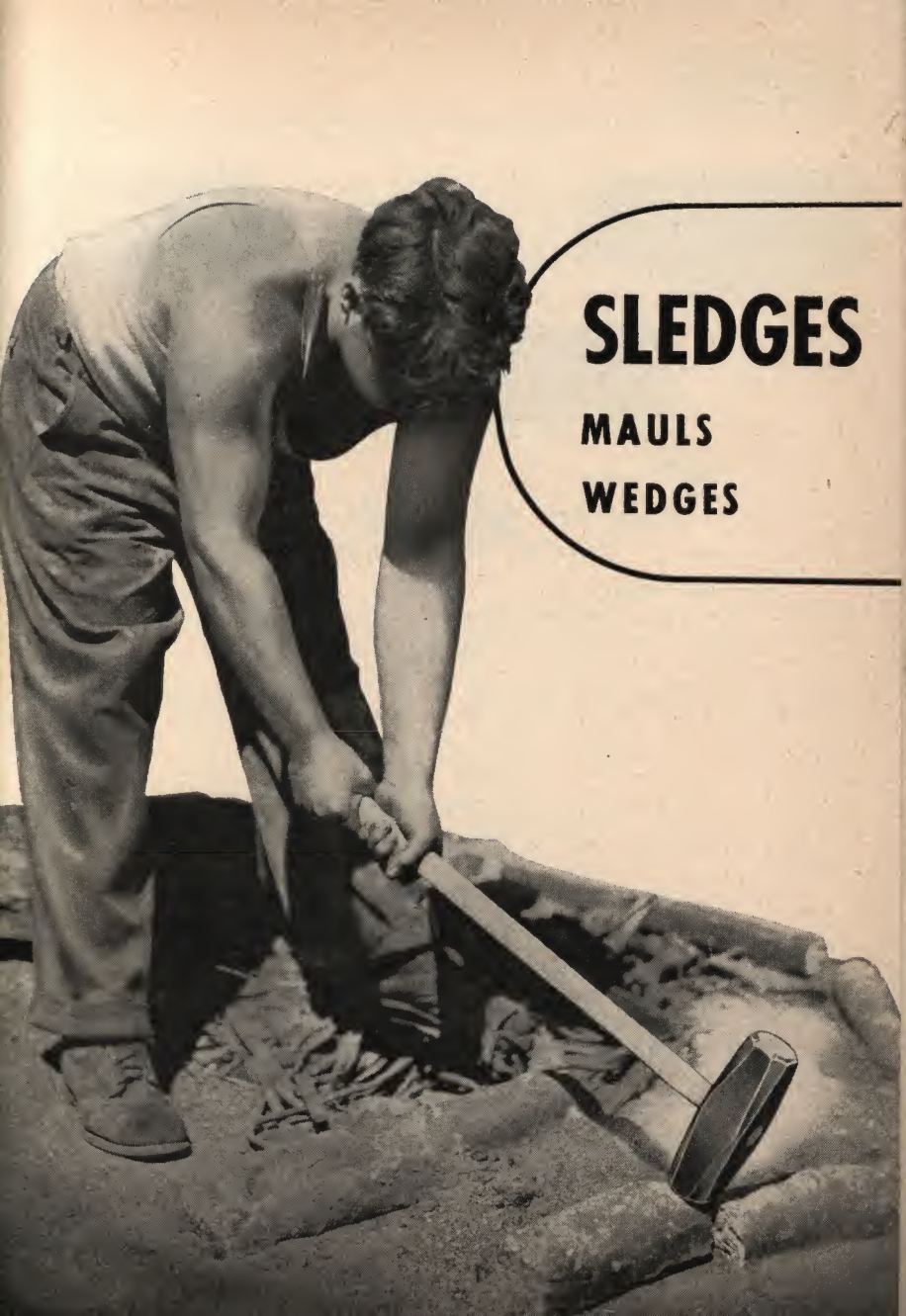
Heavy Hoop Sets

No.	Lbs.	Length	Edge	Dia. Face	Each
570	3	5 1/2 in.	1 3/4 in.	1 1/2 in.	**$2.45**

Extra for handling, **$0.50** each

Boiler Pick or Scaling Hammer

No.	Lbs.	Length	Bit	Each
1070	1	5 in.	1 3/16 in.	**$0.70**
1070 Handled				**1.15**



SLEDGES

MAULS

WEDGES

No. 710

No. 890

No. 670

No. 720

No. 740

Stanley-Atha Heavy Hammers or Sledges

SPALLING OR STONE HAMMERS

No. 710. Single Face

Size (lbs.)	Price	Size (lbs.)	Price
4	**$2.32**	12	**$5.70**
6	**2.88**	16	**7.50**
8	**3.72**		

		Length	Face	Bit
Dim.	8 lb. wgt.	8 in.	2¼ x 1½ in.	2¼ in.

No. 720. Double Face

Size (lbs.)	Price	Size (lbs.)	Price
8	**$3.70**	16	**$7.50**
12	**5.70**		

		Length	Face
Dim.	8 lb. wgt.	7½ in.	2¼ x 1¼ in.

STONE SLEDGES

No. 740. Oval Face

Size (lbs.)	Price	Size (lbs.)	Price
6	**$2.82**	16	**$6.75**
8	**3.26**	20	**7.76**
12	**4.66**		

		Length	Diam. Face	Bit
Dim.	8 lb. wgt.	7⅛ in.	2⅛ in.	2⅛ in.
Dim.	16 lb. wgt.	8⅝ in.	2⅞ in.	2⅞ in.

No. 670. MASONS' HAMMERS

The body of this hammer is given a Red Finish. Face and Pein are Polished.

Size (lbs.)	Price	Size (lbs.)	Price
3	**$2.35**	4	**$2.55**

	Length	Face
Dim. 3 lb. wgt.	5⅛ in.	2⅛ x 1 in.

No. 890. NAPPING HAMMERS

Oval Shaped Faces

For breaking up stone in connection with road work. Require special handles. Prices on application.

Size (lbs.)	Price	Size (lbs.)	Price
4	**$2.20**	6	**$2.90**

	Length	Diam. Face
Dim. 4 lb. wgt.	6½ in.	1¼ in.

Handling Extras—Under 5 lb., 16 in. handles **$0.70** each; 5 lbs. and over, 32, 34 or 36 in. handles **$1.32** each.

No. 750

No. 780

No. 760

No. 755

No. 770

Stanley-Atha Heavy Hammers and Sledges

STRIKING AND DRILLING HAMMERS

No. 750. Nevada or Long Pattern

Size (lbs.)	Price	Size (lbs.)	Price
4	**$2.20**	10	**$3.96**
6	**2.70**	12	**4.62**
8	**3.12**	16	**6.14**

	Length	Diam. Face
Dim. 8 lb. wgt.	7⅜ in.	1⅞ in.

No. 760. Oregon or Short Pattern

Size (lbs.)	Price	Size (lbs.)	Price
4	**$2.20**	10	**$3.96**
6	**2.70**	12	**4.62**
8	**3.12**		

	Length	Diam. Face
Dim. 4 lb. wgt.	4⅞ in.	1⅝ in.
Dim. 8 lb. wgt.	6¼ in.	2 in.
Dim. 12 lb. wgt.	6¾ in.	2⅜ in.

ALLOY STEEL STRIKING SLEDGES

No. 755 Highest quality. Forged from Alloy Steel

Size (lbs.)	6	8	10	12
Price	**$4.76**	**$6.28**	**$7.84**	**$9.40**

HAND DRILLING OR STONE CUTTERS HAMMERS

No. 770. Colorado Pattern

Size (lbs.)	Price	Size (lbs.)	Price
3	**$2.26**	4	**$2.56**

	Length	Diam. Face
Dim. 3 lb. wgt.	5¼ in.	1⅛ in.

No. 780. New England Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	**$2.10**	4	**$2.56**
3	**2.26**		

	Length	Diam. Face
Dim. 3 lb. wgt.	4⅜ in.	1⅜ in.
Dim. 4 lb. wgt.	4⅞ in.	1 7/16 in.

Handling Extras—Under 5 lb., 16 in. handles **$0.70** each; 5 lbs. or over, 32, 34 or 36 in. handles **$1.32** each.

No. 830

No. 850

No. 840

No. 360

No. 920

No. 861

Stanley-Atha Heavy Hammers, Sledges and Mauls

BLACKSMITHS' SLEDGES

Designed for blacksmiths, but they are the types used by farmers, builders and workmen in general.

No. 830. Cross Pein

Size (lbs.)	Price	Size (lbs.)	Price
6	**$2.90**	12	**$4.70**
8	**3.40**	16	**6.18**
10	**4.14**		

	Length	Diam. Face	Pein
Dim. 8 lb. wgt.	7 in.	2¼ in.	2¼ in.

No. 840. Straight Pein

Size (lbs.)	Price	Size (lbs.)	Price
8	**$3.40**	14	**$5.64**
12	**4.70**		

	Length	Diam. Face	Pein
Dim. 8 lb. wgt.	7 in.	2¼ in.	2¼ in.
Dim. 14 lb. wgt.	8½ in.	2¾ in.	2¾ in.

No. 850. Double Face

Size (lbs.)	Price	Size (lbs.)	Price
2½	**$1.58**	10	**$3.98**
3	**1.88**	12	**4.62**
4	**2.22**	16	**6.14**
6	**2.80**	20	**7.50**
8	**3.16**		

	Length	Diam. Face
Dim. 8 lb. wgt.	6½ in.	2¼ in.

TRACK MAULS

No. 920. Regular Pattern

Size (lbs.)	Price	Size (lbs.)	Price
8	**$3.25**	10	**$4.00**

	Length	Diam. Small Face	Diam. Large Face
Dim. 8 lb. wgt.	10½ in.	1⅛ in.	1½ in.

BLACKSMITHS' HAND HAMMERS—CROSS PEIN

No. 860. Western Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	**$1.56**	3	**$1.86**
½	**1.62**	4	**2.22**

	Length	Diam. Face	Pein
Dim. 2½ lb. wgt.	4⅞ in.	1½ in.	1½ in.
Dim. 4 lb. wgt.	5¾ in.	1¾ in.	1¾ in.

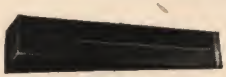
No. 861. New England Pattern

Size (lbs.)	Price	Size (lbs.)	Price
2	**$1.56**	3	**$1.86**
2½	**1.62**	4	**2.22**

	Length	Diam. Face	Pein
Dim. 2½ lb. wgt.	4⅝ in.	1⅝ in.	1⅝ in.
Dim. 4 lb. wgt.	5¼ in.	1¾ in.	1¾ in.

Handling Extras—Under 5 lb., 16 in. handles **$0.70** each; 5 lbs. or over, 32, 34 or 36 in. handles **$1.32** each.

No. 980X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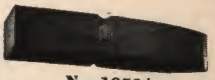

No. 1050A

No. 930

No. 1050

No. 1020B

No. 960A

No. 1020C

Stanley-Atha Wood Choppers' Mauls and Wedges

The groove in the Truckee Pattern is intended to make the wedge enter the wood straight and keep it from binding. Being narrow, they are suitable for hard woods.

No. 960. Oregon Pattern Mauls

Regular Eye

Size (lbs.)	Price	Size (lbs.)	Price
6	$3.14	8	$3.84

	Length	Head	Bit
Dim. 6 lb. wgt.	8 in.	1⅞ in.	3¾ in.

No. 960A. Oregon Pattern Mauls

Double Bit Axe Eye

Size (lbs.)	Price	Size (lbs.)	Price
6	$3.14	8	$3.84

	Length	Head	Bit
Dim. 6 lb. wgt.	8 in.	1⅞ in.	3¾ in.

No. 930. Top or Ship Mauls

Size (lbs.)	Price
5	$3.46

	Length	Diam. Small Face	Diam. Large Face
Dim. 5 lb. wgt.	8¾ in.	7/16 in.	1⅞ in.

No. 1020B. Stave Wedges

Size (lbs.)	Price	Size (lbs.)	Price
3	$1.26	4	$1.56

	Length	Head	Bit
Dim. 4 lb. wgt.	7½ in.	1⅞ x 1⅜ in.	3½ in.

"Atha" Truckee Pattern-Splitting Wedges

No. 980X. Straight Bit

Size (lbs.)	Price	Size (lbs.)	Price
4	$1.42	6	$1.82
5	1.58	8	2.36

No. 975. Square Head-Splitting

Size (lbs.)	Price	Size (lbs.)	Price
3	$1.12	5	$1.46
4	1.30	6	1.68
		8	2.25

No. 1020C. Saw Wedges

Size (lbs.)	Price	Size (lbs.)	Price
½	$0.74	3	$1.06
1	.90	3	1.32

	Length	Head	Bit
Dim. 1 lb. wgt.	5¾ in.	1¼ x ½ in.	2⅞ in.

No. 1050. Stone Wedges

Size (lbs.)	Price
2	$1.50

	Length	Head	Bit
Dim. 2 lb. wgt.	5¼ in.	1⅛ in.	1⅜ in.

No. 1050A. Rock Wedges

Size (lbs.)	Price
5	$2.54

No. 1190

No. 1200

No. 1210

No. 1220

No. 1230

No. 12

Stanley-Atha Blacksmiths' Tools

Bottom tools regularly fit a one inch square hole. Other shank sizes can be furnished at extra cost.

SWAGES

Used for shaping, sizing and smoothing round forgings. Catalog size given is the diameter of round bar to which the Swage will finish.

No. 1190. Top Swage

Size, in.	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2½	3
Weight, lbs.	2½	2½	2½	2½	3¼	3¼	3¼	3¾	4¼	4¾	4¾	5½	5½
Price, each	$2.10	$2.10	$2.10	$2.20	$2.20	$2.58	$2.58	$2.78	$3.16	$3.34	$3.80	$4.82	$5.54

No. 1200. Bottom Swage

Size, in.	¼	⅜	½	⅝	¾	⅞	1	1¼	1½	1¾	2	2½	3
Weight, lbs.	2	2	2½	2½	2½	2½	3	3	3½	4	4½	5½	5½
Price, each	$2.10	$2.10	$2.10	$2.20	$2.20	$2.58	$2.58	$2.78	$3.16	$3.34	$3.80	$4.82	$5.54

FULLERS

Fullers are used for necking and grooving forgings, and for drawing down a forging to a smaller size.

No. 1210. Top Fuller

Size, in.	¼	⅜	½	¾	1	1¼	1½	1¾	2
Weight, lbs.	2½	2¾	2¾	2¾	3	3½	3½	4	4½
Price, each	$2.16	$2.16	$2.16	$2.24	$2.64	$3.16	$3.16	$3.80	$3.80

No. 1220. Bottom Fuller

Size, in.	¼	⅜	½	¾	1	1¼	1½	1¾	2
Weight lbs.	2¼	2¼	2¼	2½	2½	3½	3½	4	4½
Price, each	$2.16	$2.16	$2.16	$2.24	$2.64	$3.16	$3.16	$3.80	$3.80

No. 1230. SQUARE FLATTERS

For smoothing and finishing flat forgings.

Size, In.	Weight, Lbs.	Price Each	Size, In.	Weight, Lbs.	Price Each
2	2	$2.50	3	4½	$4.16
2½	3¼	3.30	4	8	8.36

No. 1250. SET HAMMERS

For setting down the metal in a forging to form a square corner.

Size, In.	Weight, Lbs.	Price Each	Size, In.	Weight, Lbs.	Price Each
1¼	2	$2.04	1¾	4½	$3.20
1½	3¼	2.56			

Top Anvil Tools can be furnished with 16 in. handles for additional **$0.70** each

No. 1260

No. 1290

No. 1300

No. 1310

No. 1270

Stanley-Atha Blacksmiths' Tools

No. 1260. Square Punches

No. 1270. Round Punches

The catalog size is the size of the punch face.

Size, In.	Stk at Eye, In.	Length, In.	Weight, Lbs.	Price Each	Size, In.	Stk at Eye, In.	Length, In.	Weight, Lbs.	Price Each
¼	1¼	7	1¾	$1.70	¼	1¼	7¼	1⅜	$1.70
⅜	1¼	7	1¾	1.70	⅜	1¼	7½	1½	1.70
½	1¼	7	2	1.76	½	1⅜	7¾	1⅞	1.76
⅝	1¼	7	2¼	2.06	⅝	1⅜	8	2⅛	2.06
¾	1⅜	7	2⅞	2.14	¾	1½	8¼	2¾	2.14
⅞	1½	7⅛	3½	2.40	⅞	1⅝	8½	3½	2.40
1	1½	7¼	3⅝	2.80	1	1¾	8¾	4½	2.80

No. 1290. Cold Chisels

No. 1300. Hot Chisels

The catalog size is the size of the square at the eye.

Silicon Manganese Alloy Steel.

Size, In.	Cutting Edge. In.	Length, In.	Weight, Lbs.	Price, Each	Size, In.	Cutting Edge. In.	Length, In.	Weight, Lbs.	Price, Each
1¼	1¼	6½	2	$1.98	1¼	1⅝	7⅜	2	$2.06
1½	1½	7	3	2.56	1½	2	8¼	3	2.60
1¾	1¾	8⅛	5	3.96	1¾	2¼	9¾	5	4.00

No. 1310. Regular Hardies

Size Sq. Shank, In.	Width Bit, In.	Weight, Lbs.	Price, Each
⅝	1⅝	1	$1.22
¾	1⅞	1¼	1.24
⅞	2	1¾	1.36
1	2¼	2	1.60
1⅛	2¼	2½	2.06
1¼	2½	2¾	2.16

Stanley-Atha Blacksmiths' Tongs

No. 11. Straight Lip to Hold Squares

These Tongs have a "V" notch in each jaw so that they can firmly hold square or round work. The letter following the number designates the size of square the jaws will hold.

No.		11A	11C	11D	11E	11F	11G	11H	11J
11A	Size Square,								
to	Length, in.	18	20	20	22	22	24	24	26
	in.	¼	⅜	½	⅝	¾	⅞	1	1½
11J	Price, each	$2.80	$2.86	$2.86	$2.90	$2.90	$3.00	$3.00	$3.58

No. 10. Straight Lip

For holding thin flat work. Because of the heavy stock in the jaws, they may be shaped by the blacksmith to suit his individual needs.

Size, in. long	18	24
Price, each	$2.80	$3.00

No. 14. Single Pick Up

Use similarly to No. 13. The jaws are larger; consequently will handle heavier work.

24 in. long. Each $3.10

No. 16. Gad

For general forging purposes.

24 in. long. Each $3.00

No. 13. Double Pick Up

For picking up hot work, either flat or round.

24 in. long. Each $3.10

No. 15. Rivet

Used for handling hot rivets.

24 in. long. Each $3.28

No. 17. Horseshoers

For holding horseshoes. They are recessed on the inside of the face which gives them good holding power.

16 in. long. Each $2.80

Stanley-Atha Blacksmiths' Tongs

Curved Lip, Fluted Jaw

Used to hold bolts or other round work. The opening between the jaws and the hinge allows ample space for the head of a bolt.

No.		12A	12C	12D	12E	12F	12G	12H	12J
12A	Holds Rounds, in.	¼	⅜	½	⅝	¾	⅞	1	1½
to	Length, in.	18	20	20	22	22	24	24	26
12J	Price, each	**$3.10**	**$3.26**	**$3.26**	**$3.30**	**$3.30**	**$3.44**	**$3.44**	**$3.58**

No. 19. Pick

Principally used for holding miners' picks while being sharpened.

Size	24 in. long
Price, each	**$3.64**

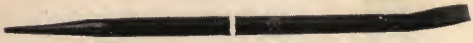
Stanley-Atha Structural Iron Workers Tongs

Light weight, well designed, and made in the patterns most in demand by Structural Workers and Bridge Builders. Black japan finish.

	Straight Sticking			Curved Sticking	
No.		Each	No.		Each
1064	18 in. long	**$2.90**	**1065**	18 in. long	**$2.90**
		Heating and Passing			
No.		Each	No.		Each
1066	30 in. long	**$3.50**	**1067**	30 in. long	**$3.50**

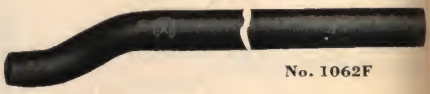
No. 1320A

No. 1321A



No. 1063

No. 1061F



No. 1062F

Stanley-Atha Structural Iron Workers' Tools

Side Chisel

No.		Each
1320A	7¾ in. long, 1¾ in. Bit	**$4.70**

No. 1061F. Straight Dolly Bars

This catalog is the size of rivet for which tool is intended.

Size, In.	Length, In.	Size, Stock, In.	Price, Each
⅜	24	1⅝	**$5.00**
½	24	1⅝	**5.00**
⅝	24	2	**7.85**
¾	30	2	**9.75**
⅞	30	2⅛	**10.80**
1	30	2¼	**12.15**

Connecting Bar

No.		Each
664	30 in. long, ⅞ in. Dia.	**$1.80**
1063	36 in. long, ¾ in. Dia. Hexagon Steel Pointed one end other end Chisel Point	**1.80**

No. 1321A. Backing Out Punches

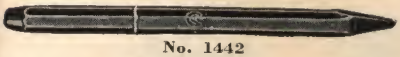
The catalog size is the diameter of the face.

Size, In.	Length, In.	Size, Lbs.	Price, Each
½	7¾	1⅞	**$2.38**
⅝	8	2⅛	**2.60**
¾	8¼	2¾	**2.80**
⅞	8½	3½	**3.00**

No. 1062F. Offset Dolly Bars

The catalog size is the size of rivet for which tool is intended.

Size, In.	Length, In.	Size, Stock, In.	Price, Each
⅜	24	1⅝	**$6.30**
½	24	1⅝	**6.30**
⅝	24	2	**9.80**
¾	30	2	**11.90**
⅞	30	2⅛	**13.20**
1	30	2¼	**14.70**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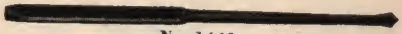

No. 1440

No. 1060D

No. 1060C

No. 1438

No. 1450

No. 1441

Structural Iron Workers Tools and Stone Cutters Tools

Button Head Rivet Sets

The catalog size is the size of rivet for which tool is intended.

No. **1060D**

Size, in.	½	⅝	¾	⅞
Dia. Cup, in.	⅞	1⅛	1¼	1½
Length, in.	6¼	7	7	7
Price, Page	**$3.78**	**$4.52**	**$4.52**	**$5.56**

Barrel Drift Pins

The catalog size is the size at largest diameter. Special High Carbon Steel.

No. **1060C**

Size, In.	Length, In.	Price, Each
9/16	6½	**$0.45**
11/16	6¾	**.45**
13/16	7½	**.45**
15/16	7⅞	**.55**
1 1/16	8⅝	**.65**

CONCRETE OR BULL POINTS
Forged from Silicon-Manganese Alloy Steel

No.	Size In.	Each	No.	Size In.	Each
1442	⅞ x 12	**$1.80**	**1446**	1⅛ x 18	**$3.15**
1443	⅞ x 18	**2.10**	**1447**	1⅛ x 24	**3.80**
1444	1 x 15	**2.20**	**1448**	1¼ x 18	**4.05**
1445	1 x 18	**2.55**	**1449**	1¼ x 24	**4.50**

Stonecutters' Tools

Forged from clean, sound octagon tool steel and individually tempered.

Stone Point

Made of quarter octagon steel.

No.	Diam.	Length	Price
1438	⅞ in.	9 in.	**$1.55**

Stone Chisel

Made of quarter octagon steel.

No.	Diam.	Length	Bit	Price
1441	⅞ in.	9 in.	⅝ in.	**$1.55**

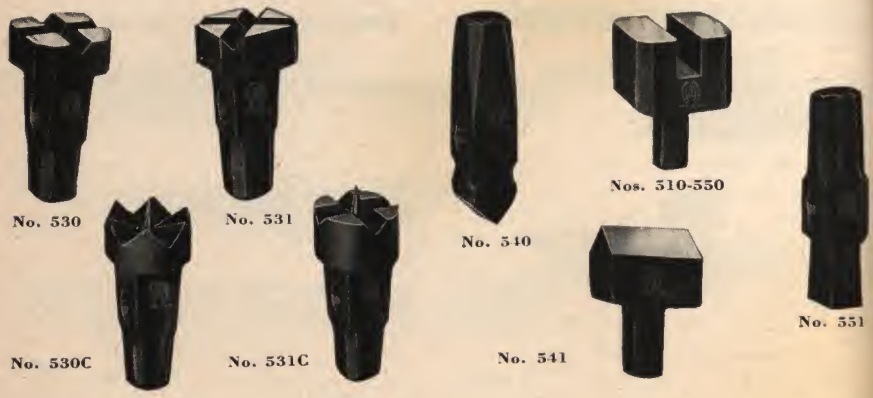
Plug Drill

Made of quarter octagon steel.

No.	Diam.	Length	Price
1440	¾ in.	18 in.	**$1.55**

Brick Chisels

No.	Size	Length	Diam.	Price
1450	3 in.	7 in.	¾ in.	**$1.10**
	3½ in.	7½ in.	⅞ in.	**1.15**
	4 in.	7½ in.	⅞ in.	**1.25**



Stanley-Atha

Rock Drill Sharpening Tools

The Dollies and Sows listed below are those generally called for and these sizes are carried in stock. Dollies and Sows with special grooves can be furnished if desired, and prices will be quoted upon application.

Dollies

Used for dressing the bits of Rock Drills—For Plus Bits—Square Cut.

No. **530.** Face 2¾ in. square, 6 in. overall. Size of cut ¾ in. wide and ⅜ in. deep. Price **$6.00**

FOR PLUS BITS—DIAGONAL CUT

No. **531.** Face 2¾ in. square, 6 in. overall. Size of cut ¾ in. wide and ⅜ in. deep. Price **$6.00**

FOR HEXAGON 6 PT. HOLLOW BITS

No. **530C.** Dia. head 2⅝ in., dia. pin $\frac{5}{16}$ in., 6 in. overall. Price **$9.35**

FOR 4 PT. HOLLOW BITS

No. **531C.** Dia. head 2⅝ in., dia. pin $\frac{5}{16}$ in., 6 in. overall. Price **$8.70**

Spreaders

No. **540.** Width of face 1⅝ in., 6¾ in. overall. Price **$2.70**

BOTTOM

No. **541.** Width of face 3 in., shank 1 in. sq. Price **$3.65**

Sows for Plus Bits

A holding block used in the anvil for shaping Rock Drills.

No. **510.** Face 2½ in. square, shank 1 in. square. Cut $\frac{9}{16}$ in. wide x ⅞ in. deep. Price **$4.80**

No. **550.** Face 3¼ in. square, shank 1 in. square. Cut ¾ in. wide x 1¼ in. deep. Price **$8.15**

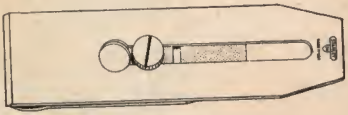
Set Hammer

No. **551.** Face 1⅝ in. x 1¼ in., 6½ in. overall. Price **$2.85**

Stanley Plane Irons for Bench and Circular Planes

The Single Irons of the same size are identical; thus a 2⅝ in. Single Iron fits all Planes that take a 2⅝ in. plane iron. The Cap Iron (which combined with Single Iron makes the Double Iron), however, is not the same in all cases on the Iron, Wood and Circular Planes and is therefore not interchangeable. **In ordering be sure to give the number of the plane, size of Iron and state whether Single or Double Irons are required.**

Single



Double

Size (Inches)	Used In Planes Nos.	Single Price Each	Double Price Each	Cap Price Each
1¼	1	$0.80	$1.20	$0.40
1⅝	2, 2C, 602	.90	1.30	.40
1¾	3, 3C, 5¼, 5¼C, 603, 603C, 605¼	.90	1.30	.40
1¾	113	.90	1.30	.40
1¾	20	.90	1.30	.40
1¾	22	.90	1.30	.40
2	4, 4C, S4, A4, 5, 5C, S5, A5, 604, 604C, 605, 605C, 1104, 1105	1.00	1.40	.40
2	9	1.00	1.40	.40
2	24, 26, 35	1.00	1.40	.40
2⅛	10, 10¼, 10½	1.20	1.60	.40
2⅜	4½, 4½C, 5½, 5½C, 605½, 605½C, 6, 6C, A6, 7, 7C, 604½, 604½C, 606, 606C, 607, 607C, 51	1.30	1.75	.45
2⅜	11	1.30	1.75	.45
2⅜	28, 31, 36	1.30	1.75	.45
2⅝	8, 8C, 608, 608C	1.30	1.80	.50
2⅝	32	1.30	1.80	.50

For Stanley and "Bailey" Block Planes

In ordering specify size and whether adjustable or non-adjustable cutters are wanted.

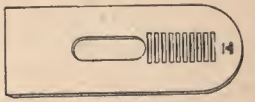
PLANE IRONS AND OTHER PARTS FOR "BED-ROCK," GAGE AND STANLEY WOOD PLANES ARE AVAILABLE

Write:

STANLEY TOOLS

New Britain, Conn.

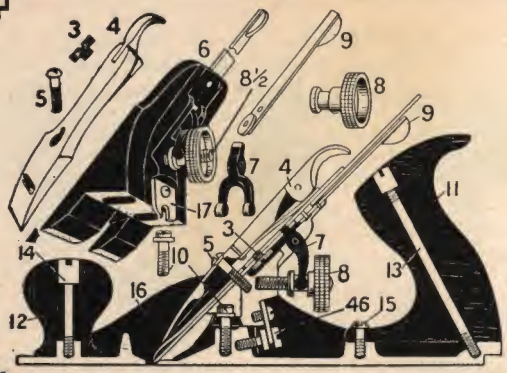
Non-Adjustable



Adjustable

Size (Inches)	Used in Planes Nos.	Price Each
1	100, 101	$0.20
1⅜	60, 60½, 61, 203	.50
1⅜	102	.30
1⅜	103	.40
1⅝	9½, 15, 16, 17, 18, S18, A18, 118, 19, 63, 65, 65½, 120, 131, 220	.50
1⅝	110, 130, 1120	.40
1⅝	140	.65
2	62, 164	1.05

Repair Parts for Stanley Iron Bench Planes



Old Style Frog

New Style Frog

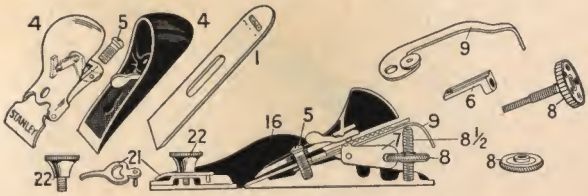
No.	Name of Part	Price for All Numbers	No. of Plane									
			1 2 2C	3 3C	4 4C	4½ 4½C	5 5C	5¼ 5¼C	5½ 5½C	A6 6 6C	7 7C	8 8C
3	Cap Screw	$0.10	....	....	....	....	....	....	....	....	....	....
4	Lever		$0.75	$0.85	$0.90	$1.00	$0.90	$0.85	$1.00	$1.00	$1.00	$1.00
5	Lever Screw	.10	....	....	....	....	....	....	....	....	....	....
6	Frog Complete—specify new or old		1.10	1.10	1.10	1.20	1.10	1.10	1.20	1.20	1.20	1.30
7	"Y" Adjusting Lever	.10	....	....	....	....	....	....	....	....	....	....
8	Adjusting Nut		.20	.30	.30	.30	.30	.30	.30	.30	.30	.30
8½	Adjusting Nut Screw	.10	....	....	....	....	....	....	....	....	....	....
9	Lateral Adjusting Lever	.20	....	....	....	....	....	....	....	....	....	....
10	Frog Screw	.10	....	....	....	....	....	....	....	....	....	....
11	Plane Handle Hardwood*	.60	....	....	....	....	....	....	....	....	....	....
	Rosewood	1.00	....	....	....	....	....	....	....	....	....	....
3x 5x	Aluminum Plane Handles No. 3X Fits Planes 3, 4, 5¼ No. 5X Fits Planes 4½, 5, 5½, 6, 7, 8.	1.50	....	....	....	....	....	....	....	....	....	....
12	Plane Knob Hardwood*	.40	....	....	....	....	....	....	....	....	....	....
	Rosewood	.60	....	....	....	....	....	....	....	....	....	....
13	Handle Bolt and Nut	.20	....	....	....	....	....	....	....	....	....	....
14	Knob Bolt and Nut	.20	....	....	....	....	....	....	....	....	....	....
15	Handle Toe Screw	.....	....	....	....	0.10	0.10	0.10	0.10	0.10	0.10	0.10
16	Plane Bottom	.....	2.85	3.20	3.20	3.80	3.80	3.80	3.80	5.30	7.50	9.00
17	Frog Clip and Screw	.20	....	....	....	....	....	....	....	....	....	....
46	Frog Adjusting Screw	.10	....	....	....	....	....	....	....	....	....	....

Add 10 per cent. for Corrugated Bottoms.

In ordering be sure to specify **number and name of Part** and **number of Plane**, thus: No. 4 Lever Cap for No. 5 Plane. It will also help us if you will include with your order a rough sketch or tracing of the part desired.

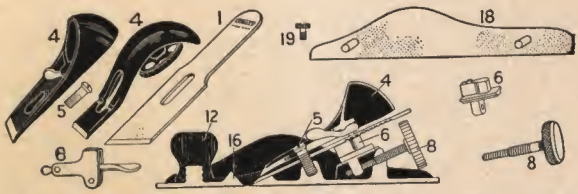
*No longer available from factory.

Repair Parts for Stanley Block Planes



No.	Name of Part	9½ 9¼	15	16 17	18 19	60 60½	62	65	65½	118
4	Lever	$0.50	$0.50	$0.70	$1.10	No.60 .70 No.60½ .50	$0.50	$1.10	$0.50	$1.00
5	Lever Screw	.10	.10	.10	.10	.10	.10	.10	.10	....
6	Adjusting Slide	....	....	....	....	.20	.20	.20	.20	*...
7	Adjusting Lever	.10	.10	.10	.10	....	....	....	....	....
8	Adjusting Nut	.20	.20	.20	.20	.20	.20	.20	.20	....
8½	Adjusting Nut Screw	.10	.10	.10	.10	....	....	....	....	....
9	Lateral Adjusting Lever	.20	.20	.20	.20	....	....	....	....	....
11	Plane Handle	....	....	....	....	....	.60	....	....	....
16	Plane Bottom	2.30	2.30	2.30	2.30	2.30	5.65	2.30	2.30	2.50
21	Eccentric Plate	.20	.20	.20	.20	.20	.20	.20	.20	....
22	Finger Rest Knob	.20	.20	.20	.20	.20	.30	.20	.20	....

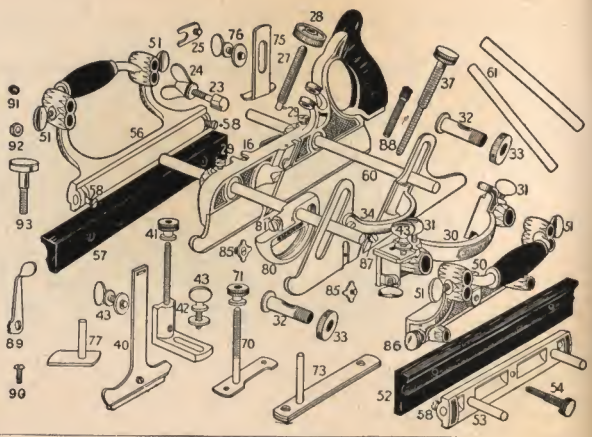
*Adjusting Screw and Nut one assembly on No. 118 Plane .50



No.	Name of Part	100½	100 101	102 *103	110	120	130	140	203	220
4	Lever	$0.20	$0.20	$0.40	$0.65	$0.40	$0.40	$0.40	$0.50	$0.50
5	Lever Screw	.10	....	....	....	....	....	.10	.10	.10
6	Adjusting Slide	.....	....	*.30	....	.30	....	.20	.20	.20
8	Adjusting Nut	.....	....	....	....	....	....	.20	.20	.20
12	Plane Knob	.....	....	....	.20	.20	.20	.20	.20	.20
16	Plane Bottom	1.25	.60	.80	1.25	1.50	2.25	2.50	1.25	1.35
18	Detachable Side	.....	....	....	....	....	....	.50	....	....
19	Side Screw (Pair)	.....	....	....	....	....	....	.20	....	....

In ordering be sure to specify **number and name of Part** and **number of Plane**, thus: No. 4 Lever Cap for No. 9½ Plane. It will help us if you will include with your order a tracing or rough sketch of the part desired.

Repair Parts for Stanley Combination Planes

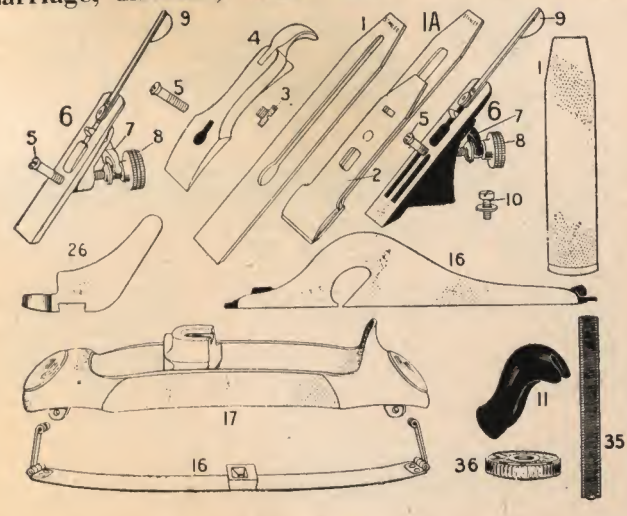


No.	Name of Part	No. of Plane	45	46	50	54	55
1	Cutters-Regular	Per Set	$8.00	$4.00	$7.00	$2.75	$19.00
2	Cutters-Special	Per Set	12.00	.....	.....	.....	21.00
16	Main Stock or Bottom		6.50	6.50	3.50	4.00	8.00
23	Cutter Bolt		.30	.30	.30	.30	.30
24	Cutter Bolt Wing Nut		.30	.30	.30	.30	.30
25	Cutter Bolt Clip and Screw		.10	.10	.....	.....	.10
27	Cutter Bolt Adjusting Screw		.20	.....	.....	.....	.20
28	Cutter Bolt Adjusting Wheel		.20	.....	.....	.....	.20
30	Sliding Section		4.60	4.60	.60	1.65	1.75
32	Thimble		.....	.....	.....	.....	.30
33	Thimble Check Nut		.....	.....	.....	.....	.30
34	Adjustable Bottom		.....	.....	.....	.....	3.85
37	Adjustable Bottom Screw		.....	.....	.....	.....	.40
40	Auxiliary Center Bottom		.....	.....	.....	.....	.60
42	Angle Iron and Adjusting Screws		.....	.....	.....	.....	.60
50	Left Fence		3.80	3.80	3.80	3.80	5.40
52	Guard Plate (Wood)		.40	.....	.....	.....	.40
53	Tilting Iron with Swivel		.....	.....	.....	.....	.80
54	Left Fence Adjusting Screw		.....	.....	.....	.....	.40
56	Right Fence		.....	.....	.....	.....	3.50
57	Right Fence Tilting Plate		.....	.....	.....	.....	.40
60	Long Arms	Each	.50	.50	.50	.50	.50
61	Short Arms	Each	.25	.25	.....	.25	.25
70	Adjusting Depth Gauge		.40	.40	.40	.40	.40
73	Adjusting Beading Stop		.40	.....	.....	.....	.60
75	Slitting Cutter Stop		.20	.....	.....	.....	.20
77	Sliding Section Depth Gauge		.40	.....	.....	.....	.....
80	Cam Rest		.80	.....	.....	.....	.80
85	Spurs with Screws		.10	.10	.10	.....	.10
88	Runner Adjusting Screw		.....	.....	.20	.20	.....
89	Cutter Adjustment Lever		.....	.....	.10	.10	.....
90	Cutter Adjustment Screw		.....	.....	.10	.10	.....
91	Cutter Adjustment Collar		.....	.....	.10	.10	.....
92	Cutter Adjustment Nut		.....	.....	.10	.10	.....
93	Special Cutter Fastening Screw		.....	.....	.20	.20	.....
94	Shaving Deflector		.....	.....	.20	.....	.....

Screws, Nos. 29, 31, 41, 43, 51, 58, 71, 76, 81, 86 and 87, **$0.20** each.

In ordering be sure to specify **numbers and name of part** and **number of Plane,** thus: No. 23 Cutter Bolt for No. 50 Plane. It will also help if you will include with your order a sketch or tracing of the part desired.

Repair Parts for Special Planes
Carriage, Circular, Scrub, Shoot and Floor Planes



No.	Name of Part	10	10½	10¼	11	113	20	40	40½	51
1A	Double Plane Iron	$1.80	$1.80	$1.80	$1.85	$1.40	$1.40	....	....	$1.85
1	Single Plane Iron	.95	.95	.95	1.15	.90	.90	.40	.50	1.15
2	Plane Iron Cap	.70	.70	.70	.60	.45	.45	....	....	.60
3	Cap Screw	.10	.10	.10	.10	.10	.10	....	....	.10
4	Lever	.85	.85	.85	.70	.70	.70	.40	.40	.70
5	Lever Screw	.10	.10	.10	.10	.10	.10	.10	.10	.10
6	Frog Complete	1.10	1.10	1.10	....	1.10	1.10	....	....	.95
7	"Y" Adjusting Lever	.10	.10	.10	.10	.10	.10	....	....	.10
8	Adjusting Nut	.20	.20	.20	.20	.20	.20	....	....	.20
9	Lateral Adjusting Lever	.20	.20	.20	....	.20	.20	....	....	.20
10	Frog Screw	.10	.10	.10	....	.10	.10	....	....	.10
11	Plane Handle									
	Hardwood*	.60	.60	....	....	....	....	....	....	....
	Rosewood	1.00	1.00	1.40	....	....	....	....	....	....
12	Plane Knob									
	Hardwood*	.40	.40	....	....	....	....	....	....	....
	Rosewood	.60	.60	1.00	....	....	....	....	....	....
13	Handle Bolt and Nut	.20	.20	.20	....	....	....	.20	.20	.20
14	Knob Bolt and Nut	.20	.20	.20	....	....	....	.20	.20	....
16	Plane Bottom	4.40	4.40	3.90	3.45	1.80	2.20	1.90	2.65	7.95
17	Top Casting	....	....	....	....	2.00	3.00	....	....	....
26	Frog Seat	....	....	....	....	....	1.00	....	....	....
35	Bottom Adjusting Screw	....	....	....	....	1.00	.50	....	....	....
36	Bottom Adjusting Nut	....	....	....	....	....	.50	....	....	....
85	Spurs with Screws	....	....	.10	....	....	....	....	....	....

In ordering be sure to specify **number and name of Part** and **number of Plane**, thus: No. 4 Lever Cap for No. 10 Plane. It will help us if you will include with your order a rough sketch or tracing of the part desired.

*No longer available from Factory.

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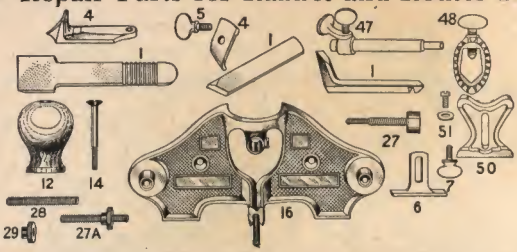
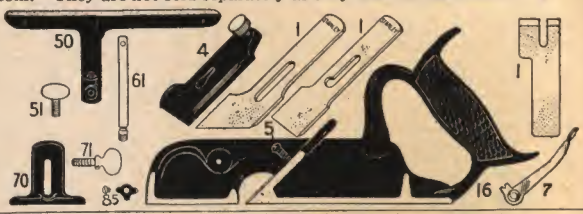
Repair Parts for Rabbet and Router Planes



No.	Name of Part	90 92	93	94	98 99	79	71 71½	271	75	95	97
							¼", ½", "V"				
1	Plane Iron.....	$0.60	$0.60	$0.60	$0.40	$0.30	$0.60 ea.	$0.40	$0.40	$0.30	$0.90
4	Lever.....	.30	.30	.30	.20	.20	.....	....	.20	.20	.30
..	Thumb Screw....	....	....	....	.10	.10	.....	.10	....	....	....
12	Plane Knob.....	....	....	....	.30	....	.30	....	....	....	.30
14	Knob Bolt & Nut.	....	....	....	.20	....	.20	....	....	....	.20
16	Plane Bottom....	*5.00	*6.80	*7.25	1.60	3.75	2.65	.90	*.80	1.85	2.65
27	Cutter Adj. Screw.	.40	.40	.40	....	....	.....	....	....	....	....
27A	Cutter Adj. Nut & Screw.....	....	....	....	....	....	.40	....	....	....	....
28	Cutter Adj. Screw.	....	....	....	....	....	.20	....	....	....	....
29	Cutter Adj. Nut..	....	....	....	....	....	.20	....	....	....	....
47	Depth Gauge Shoe	....	....	....	....	....	.60	....	....	....	....
48	Clamp.....	....	....	....	....	....	.50	....	....	....	....
50	Fence.....	....	....	....	....	....	.40 ea.	....	....	....	....
51	Fence Fastening Screw and Washer	....	....	....	....	....	.10	....	....	....	....
70	Adjustable Depth Gauge.....	....	....	....	....	.40	.....	....	....	....	....
71	Depth Gauge Screw.....	....	....	....	....	.20	.....	....	....	....	....

* Price is for both top and bottom. They are not sold separately as they must be machined to fit.

Repair Parts for Rabbet, Matching and Dado Planes

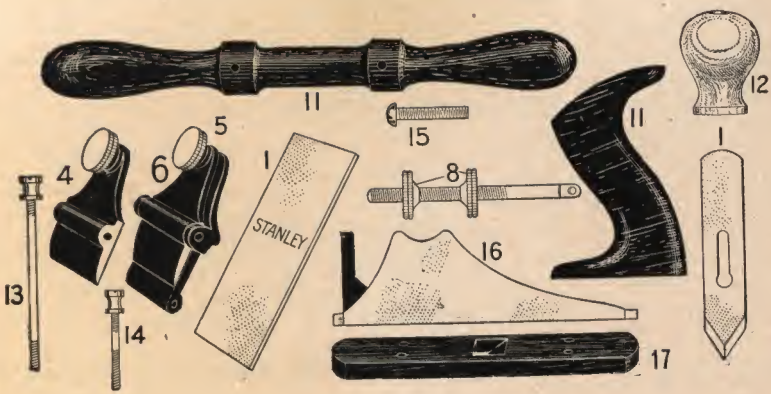


No.	Name of Part	39	48 49	78	378	146 to 148	190 to 192	248 248A	239	278	289
1	Plane Iron.....	** .40	$0.40	$0.40	** .50	$1.30†	$0.40	** .50	$0.50	$0.60	$0.60
4	Lever.....	.25	.20	.30	.20	.30	.40	.....	....	.20	.40
5	Cutter Holding Screws.....	.10	....	.10	.10	....	.10	.10	....	.10	.10
7	Adjusting Lever and Screw.....	....	....	.20	....	....	....	....	....	.20	....
16	Plane Bottom....	**3.80	6.40	3.20	3.50	4.60	2.90	3.90	4.60	3.20	3.70
50	Fence.....	....	1.00	.65	1.15	....	....	.80	.80	.50	.75
51	Fence Screw.....	....	....	.10	.10	....	....	.10	.10	.10	.10
61	Fence Arm.....	....	....	.20	.20	....	....	.20‡	.20	.20	.20
62	Fence Stop Collars and Screws.....	....	....	....	.15	....	....	....	....	....	....
70	Depth Gauge	.40	....	.40	*.40	....	.40	.40	.40	.40	.40
71	Depth Gauge Screw	.20	....	.20	.20	....	.20	.10	.10	.20	.20
85	Spurs with Screws.	.20	....	.10	....	....	.10	....	.50	.10	.10

* Specify inside or outside. ** Specify size. ‡Specify long or short arm. † Groove Cutter $0.30—Match Cutter $1.00.

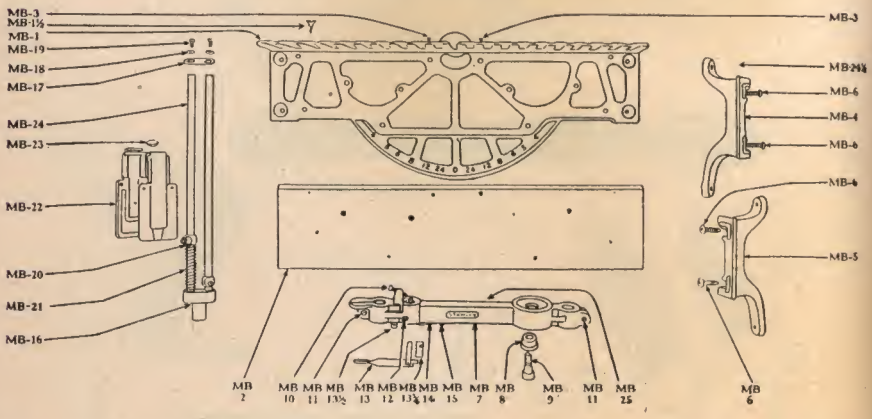
Be sure to specify **number and name of Part** and **number of Plane,** thus: No. 4 Lever Cap for No. 39 Plane. It will also help if you will include with your order a sketch or tracing of the part desired.

Repair Parts for Scraper, Chamfer and Core Box Planes



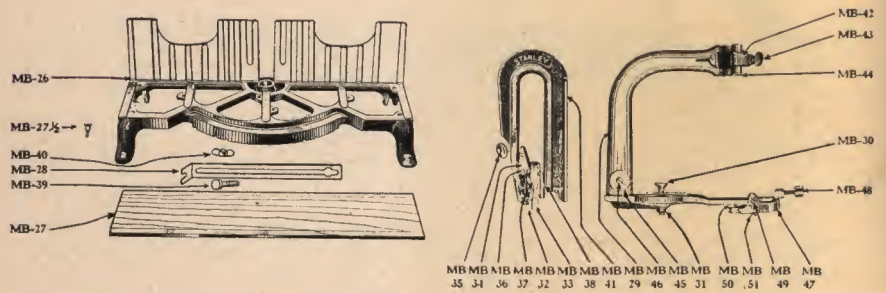
No.	Name of Part	12	12½	12¾	12¼	112	57
1	Plane Iron	$0.80	$0.80	$0.80	$0.80	$0.80	$0.60
4	Lever	.50	.50	.50	.50	.40	.30
5	Lever Screw	.20	.20	.20	.20	.20	.10
6	Frog Complete	1.40	1.40	1.40	1.20	.70	....
8	Adjusting Nut	.20	.20	.20	.20	.20	....
11	Plane Handle	1.35	1.00	1.00	1.00	.50	.40
12	Plane Knob	....	....	....	....	.30	.20
13	Handle Bolt and Nut	....	....	....	....	.20	.20
14	Knob Bolt and Nut	....	....	....	....	.20	.20
15	Plane Handle Screw	.10	.10	.10	.10	....	....
16	Plane Bottom	3.00	3.00	3.00	2.00	3.00	6.50
17	Wood Bottom	....	.50	1.25	....	....	....

Repair Parts for Mitre Boxes Nos. 50½ and 60½



Part names and prices are listed on the opposite page. Specify number and name of part and number of mitre box.

Parts for Mitre Box No. 150



Part names and prices are listed on the opposite page. Specify number and name of part and number of mitre box.

Repair Parts for Mitre Boxes Nos. 50½, 60½ and 150

Continued from Page 176

Name of Part	Nos. 50½–60½		No. 150	
	No. of Part	Price	No. of Part	Price
Frame	MB1	$6.00	MB26	$8.00
Board Screw	MB 1½	.10	MB27½	.10
Frame Board	MB2	1.00	MB27	1.00
Spur Screw	MB3	.10	.....	....
Frame Leg (Left)	MB4	.80	.....	....
Frame Leg (Right)	MB5	.80	.....	....
Leg Screw	MB6	.10	.....	....
Length Stop	.....	....	MB28	.15
Swivel Arm	MB7	3.00	MB29	2.25
Swivel Bushing	MB8	.30	.....	....
Swivel Bushing Screw	MB9	.30	.....	....
Swivel Check Screw	MB10	.10	.....	....
Clamp Screw	MB11	.10	.....	....
Index Pin Adjustable Screw	MB12	....	.....	....
Swivel Pivot Screw	.....	....	MB30	.10
Swivel Pivot Check Nut	.....	....	MB31	.10
Index Pin and Lever	MB13	.20	.....	....
Index Pin Stud	MB13½	.10	.....	....
Index Pin Bushing	MB13¾	.10	.....	....
Index Pin Spring	MB14	.10	.....	....
Index Pin Spring Screw	MB15	.10	.....	....
"T" Base, "Front" or "Back"	MB16	.50	.....	....
Left Saw Guide	.....	....	MB32	.25
Right Saw Guide	.....	....	MB33	.25
Saw Guide Lever	.....	....	MB34	.15
Saw Guide Thumb Screw	.....	....	MB35	.10
Saw Guide Pin	.....	....	MB36	.10
Saw Guide Spring	.....	....	MB37	.10
Saw Guide Adjusting Screw	.....	....	MB38	.10
Length Stop Screw	.....	....	MB39	.10
Length Stop Wing Nut	.....	....	MB40	.10
Saw Guide Cap Plate	MB17	.10	.....	....
Saw Guide Cap Screw Washers	MB18	.10	.....	....
Saw Guide Cap Screws	MB19	.10	.....	....
Saw Guide Stop and Screw	MB20	.20	.....	....
Lifting Spring	MB21	.20	.....	....
Saw Guide Cylinder (½ cylinder)	MB22	.50	.....	....
Saw Guide Cylinder Plate	MB23	.10	.....	....
Upright (Rod)	MB24	.50	.....	....
Saw Yoke	.....	....	MB41	1.25
Yoke Clamping Lever	.....	....	MB42	.10
Yoke Clamping Lever Thumb Screw	.....	....	MB43	.10
Yoke Clamping Lever Pin	.....	....	MB44	.10
Roller	.....	....	MB45	.10
Roller Screw	.....	....	MB46	.10
Latch	.....	....	MB47	.25
Latch Fastening Screw	.....	....	BM48	.10
Latch Pivot Screw	.....	....	MB49	.10
Latch Pivot Set Screw	.....	....	MB51	.10
Latch Spring	.....	....	MB50	.10
Swivel Complete	MB25	3.75	.....	....
Leveling Screws	MB24½	.20	.....	....
Uprights Complete Front or Back	.....	3.00	.....	....

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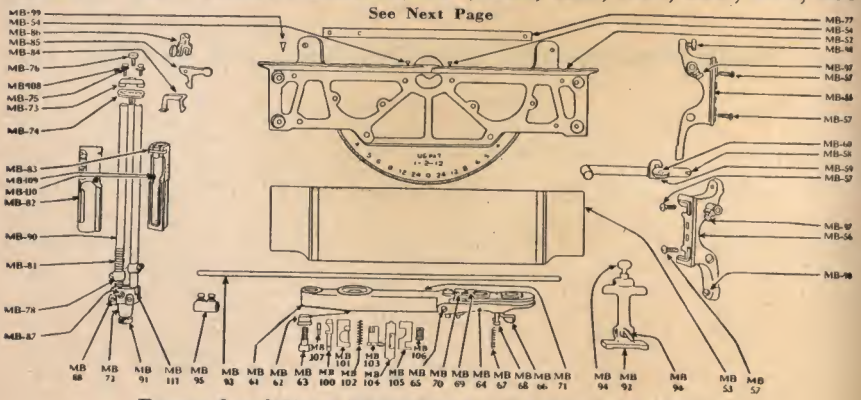
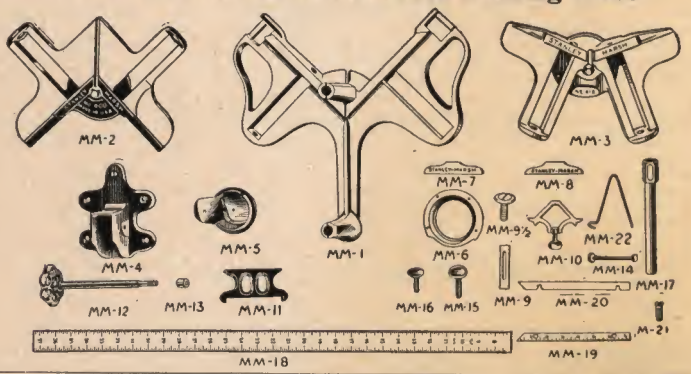
Parts for Mitre Boxes Nos. 240, 242, 244, 246, 346, 358, 360, 460

See Next Page



Parts for Mitre Machines and Joining Vises



Name of Part	For No. 100 Machine		For No. 400 Vise		For No. 410 Vise	
	Part No.	Price	Part No.	Price	Part No.	Price
Bed Plate	MM1	$12.50	MM2	$4.50	MM3	$4.50
Base	MM4	1.10	MM4	1.10	MM4	1.10
Hinge	MM5	1.50	MM5	1.50	MM5	1.50
Ring	MM6	1.50	MM6	1.50	MM6	1.50
Threaded Clamp	MM7	.70	MM8	.35	MM8	.35
Saw Gauge	MM9	.20	.....	....	.....	....
Saw Gauge Screw and Washer	MM9½	.10	.....	....	.....	....
Rule Gauge and Screw	MM10	.45	.....	....	.....	....
Low Clamp (Per Pair)	MM11	.45	.....	....	.....	....
Clamp Screw	MM12	.90	MM12	.90	MM12	.90
Collar for Clamp Screw	MM13	.20	MM13	.20	MM13	.20
Hinge Screw and Nut	MM14	.20	MM14	.20	MM14	.20
Hinge Thumb Screw (Large)	MM15	.20	MM15	.20	MM15	.20
Ring Thumb Screw (Small)	MM16	.20	MM16	.20	MM16	.20
Saw Guide (Front or Back)	MM17	2.50	.....	....	.....	....
Rule, Wood	MM18	1.20	.....	....	.....	....
Right & Left Hand Stationary Jaws (Each)	MM19	.80	.....	....	.....	....
Stationary Jaw Spacer	MM20	.15	.....	....	.....	....
Stationary Jaw Screw	MM21	.10	.....	....	.....	....
Detent Spring	MM22	.15	.....	....	.....	....

Parts for Mitre Boxes Nos. 240, 242, 244, 246, 346, 358, 360, 460

Specify name and number ofpartand number of Mitre Box

Name of Part	Nos. 240–242 244–246		Nos. 346, 358, 360		No. 460	
	No. of Part	Price	No. of Part	Price	No. of Part	Price
Frame	MB52	13.00	MB52	15.00	MB52	$18.00
Frame Board	MB53	1.00	MB53	1.00	MB53	1.00
Spur Screw	MB54	.10	MB54	.10	MB54	.10
Frame Leg (Left)	MB55	.85	MB55	.90	MB55	.90
Frame Leg (Right)	MB56	.85	MB56	.90	MB56	.90
Leg Screw	MB57	.10	MB57	.10	MB57	.10
Stock Guide	MB58	.50	MB58	.50	MB58	.50
Stock Guide Clamp	MB59	.10	MB59	.10	MB59	.10
Stock Guide Thumb Screw	MB60	.20	MB60	.20	MB60	.20
Swivel Bushing	MB62	.30	MB62	.30	MB62	.30
Swivel Bushing Screw	MB63	.30	MB63	.30	MB63	.30
Index Clamping Lever	MB64	.50	MB64	.50	MB64	.50
Clamping Lever Screw	MB65	.10	MB65	.10	MB65	.10
Clamping Lever Catch and Screw	MB66	.10	MB66	.10	MB66	.10
Clamping Lever Spring	MB67	.10	MB67	.10	MB67	.10
Clamping Lever Spring Screw	MB68	.10	MB68	.10	MB68	.10
Degree Plate	MB69	.20	MB69	.20	MB69	.20
Degree Plate Screws	MB70	.10	MB70	.10	MB70	.10
Swivel Complete	MB71	7.50	MB71	8.00	MB71	8.00
"T" Base, "Front" or "Back"	MB72	1.50	MB72	1.50	MB72	1.50
Saw Guide Cap	MB73	.10	MB73	.10	MB73	.10
Saw Guide Cap Plate	MB74	.10	MB74	.10	MB74	.10
Saw Guide Cap Screws	MB75	.10	MB75	.10	MB75	.10
Tie Bar Fastening Screw	MB76	.10	MB76	.10	MB76	.10
Saw Guide Tie Bar	MB77	.20	MB77	.30	MB77	.30
Saw Guide Stop and Screw (Specify Threaded or Not Threaded)	MB78	.20	MB78	.20	MB78	.20
Lifting Spring	MB81	.10	MB81	.10	MB81	.10
Saw Guide Cylinder (½ cylinder)	MB82	1.00	MB82	1.00	MB82	1.00
Saw Guide Cylinder Plate	MB83	.10	MB83	.10	MB83	.10
Trip Lever (Back)	MB84	.30	MB84	.30	MB84	.30
Trip Lever (Front)	MB85	.30	MB85	.30	MB85	.30
Trip Clamp and Screw	MB86	.30	MB86	.30	MB86	.30
"T" Block Clamp Screw	MB87	.10	MB87	.10	MB87	.10
"T" Block Adjusting Screw	MB88	.10	MB88	.10	MB88	.10
Upright (Rod) (Specify Threaded or Not Threaded)	MB90	.50	MB90	.50	MB90	.50
"T" Base Clamp Screw	MB91	.20	MB91	.20	MB91	.20
Length Stop Stand	MB92	.75	MB92	.75	MB92	.75
Length Stop Rod	MB93	.50	MB93	.50	MB93	.50
Length Stop Stand Screw	MB94	.10	MB94	.10	MB94	.10
Length Stop Arm Coupling & Screw	MB95	.20	MB95	.20	MB95	.20
Length Stop Rod Set Screw	MB97	.10	MB97	.10	MB97	.10
Leveling Screws	MB98	.20	MB98	.20	MB98	.20
Board Screw	MB99	.10	MB99	.10	MB99	.10
Index Pin	MB100	.10	MB100	.10	MB100	.10
Index Pin Bushing	MB101	.10	MB101	.10	MB101	.10
Index Pin Spring	MB102	.10	MB102	.10	MB102	.10
Index Pin Cam	MB103	.10	MB103	.10	MB103	.10
Clamping Lever Pin	MB104	.10	MB104	.10	MB104	.10
Clamping Pin	MB105	.10	MB105	.10	MB105	.10
Clamping Pin Adjusting Screw	MB106	.10	MB106	.10	MB106	.10
Index Pin Adjusting Screw	MB107	.10	MB107	.10	MB107	.10
Saw Guide Cap Lock Washers	MB108	.10	MB108	.10	MB108	.10
Roller Bearings and Screws	MB109	.15	MB109	.15	MB109	.15
Roller Bearings Screws	MB110	.10	MB110	.10	MB110	.10
"T" Base Block	MB111	.50	MB111	.50	MB111	.50
Uprights Complete, Front or Back	.....	6.00	.....	6.00	.....	6.00

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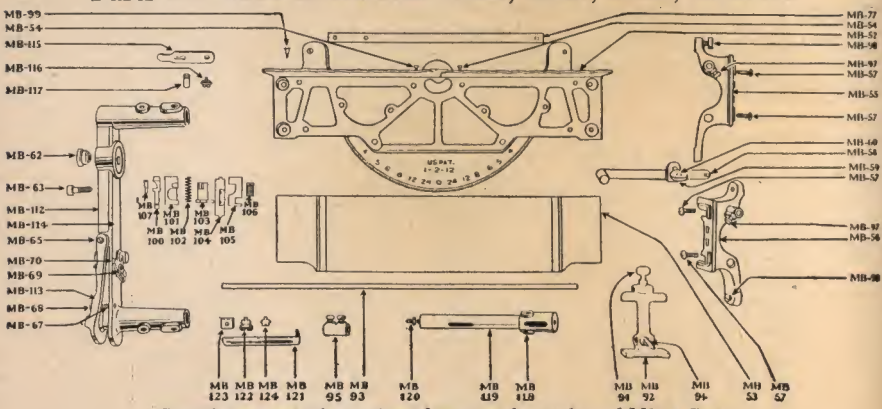
Parts for Mitre Boxes Nos. 2244, 2246, 2358, 2358MC



Soecify name and number of part and number of Mitre Box

Name of Part	Nos. 2244-2246		No. 2358		No. 2358MC	
	Part No.	Price	Part No.	Price	Part No.	Price
Frame	MB52	$13.00	MB52	$15.00	MB52	$15.00
Frame Board	MB53	1.00	MB53	1.00	MB53	1.00
Spur Screw	MB54	.10	MB54	.10	MB54	.10
Frame Leg (Left)	MB55	.60	MB55	.70	MB55	.70
Frame Leg (Right)	MB56	.60	MB56	.70	MB56	.70
Leg Screw	MB57	.10	MB57	.10	MB57	.10
Stock Guide	MB58	.50	MB58	.50	MB58	.50
Stock Guide Clamp	MB59	.10	MB59	.10	MB59	.10
Stock Guide Thumb Screw	MB60	.20	MB60	.20	MB60	.20
Swivel Bushing	MB62	.30	MB62	.30	MB62	.30
Swivel Bushing Screw	MB63	.30	MB63	.30	MB63	.30
Clamping Lever Screw	MB65	.10	MB65	.10	MB65	.10
Clamping Lever Spring	MB67	.10	MB67	.10	MB67	.10
Clamping Lever Spring Screw	MB68	.10	MB68	.10	MB68	.10
Degree Plate	MB69	.20	MB69	.20	MB69	.20
Degree Plate Screws	MB70	.10	MB70	.10	MB70	.10
Length Stop Stand	MB92	.70	MB92	.70	.....	.....
Length Stop Rod	MB93	.50	MB93	.50	.....	.....
Length Stop Stand Screw	MB94	.10	MB94	.10	.....	.....
Length Stop Arm Coupling and Screws	MB95	.20	MB95	.20	.....	.....
Length Stop Rod Set Screws	MB97	.10	MB97	.10	.....	.....
Leveling and Spur Screws	MB98	.20	MB98	.20	MB98	.20
Board Screw	MB99	.10	MB99	.10	MB99	.10
Index Pin	MB100	.10	MB100	.10	MB100	.10
Index Pin Bushing	MB101	.10	MB101	.10	MB101	.10
Index Pin Cam	MB103	.10	MB103	.10	MB103	.10
Clamping Lever Pin	MB104	.10	MB104	.10	MB104	.10
Clamping Pin	MB105	.10	MB105	.10	MB105	.10
Clamping Pin Adjusting Screw	MB106	.10	MB106	.10	MB106	.10
Index Pin Adjusting Screw	MB107	.10	MB107	.10	MB107	.10
Roller Bearings and Screws	MB109	.15	MB109	.15	MB109	.15
Roller Bearing Screws	MB110	.10	MB110	.10	MB110	.10
Index Clamping Lever	MB113	.40	MB113	.40	MB113	.40
Swivel Complete	MB114	13.00	MB114	13.50	MB114	13.50
Stop Spring	MB115	.10	MB115	.10	MB115	.10
Stop Spring Screw and Washer	MB116	.10	MB116	.10	MB116	.10
Plunger	MB117	.10	MB117	.10	MB117	.10
Roll Studs (complete with bearing)	MB118	.25	MB118	.25	MB118	.25
Saw Guide (Front or Back)	MB119	2.50	MB119	3.00	MB119	3.00
Saw Guide Lifting Screw and Check Nut	MB120	.15	MB120	.15	MB120	.15
Saw Depth Gauge	MB121	.30	MB121	.30	MB121	.30
Saw Depth Gauge Thumb Screw and Washer	MB122	.15	MB122	.15	MB122	.15
Saw Depth Gauge Stop	MB123	.10	MB123	.10	MB123	.10
Saw Depth Gauge Stop Screw	MB124	.10	MB124	.10	MB124	.10

Extra Blades $.60; Shoes for Saw Guides $.10 each.

Repair Parts for Stanley Bit Braces

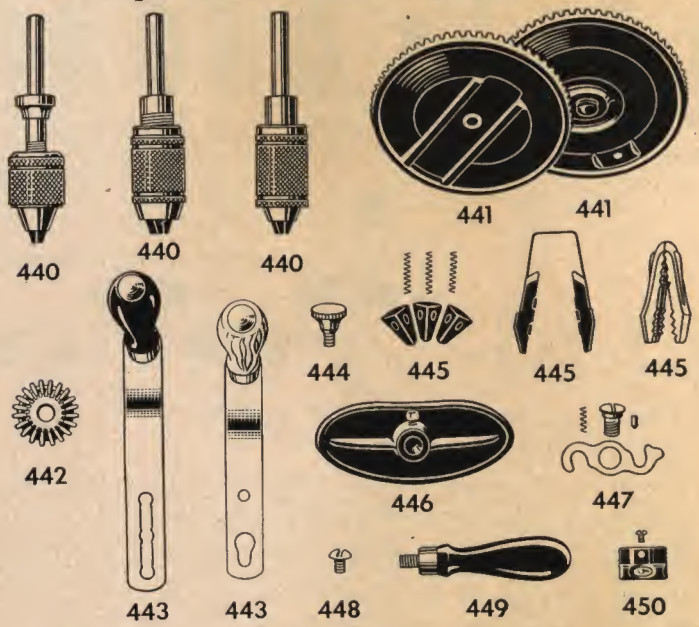
All parts listed can be readily put into the Brace by the user. Other parts can be supplied if required but should any piece be wanted that is not shown, it is better that the Brace be returned to the factory for repairs. Some parts having the same name differ in design in the different Braces. We show different cuts bearing the same number to illustrate the different designs. Heads and quills are shown in section to make difference of construction clear. **In ordering, be sure to specify number and name of part and number of Brace. If the Brace is stamped with an X or Y after the number be sure to mention it. It will also help if you will include with your order a sketch of the part desired.**

Owners of No. 919 Bit Braces having jaws that differ from the ones shown should return the Brace to the factory for a new chuck assembly.

No.	Name of Part	810	811	813	901	903	913	915	916	917	919	921	923	923A
401	Screw End....	$1.00	$1.00	$1.00	$1.00	$1.00	$1.10	$0.60	$0.60	$0.60	....	$1.30	$1.00	$1.00
402	Plug Screw....	....	....	....	....	....	....	....	....	.20	....	....	....	....
402½	Nut and Pin..	....	.10	.10	.10	....	....	....	....	....	0.10	.10	.10	.10
404	Shell.....	1.80	1.80	1.80	1.00	1.00	.80	.70	.70	.70	....	.70	.70	.70
409	Clutch.....	..	1.00	....	1.00	....	....	....	....	....	....	1.00	....	..
410	Pawls (Pair)..	.20	....	.40	....	.40	.40	.40	....	.40	.40	....	.40	.40
411	Clutch Spring.	....	.20	....	.20	....	....	....	....	....	....	.20	....	....
412	Pawl Spring...	.10	....	.10	....	.10	.10	.10	....	.10	.10	....	.10	.10
416	Jaws.....	.90	.90	.90	.90	.90	.90	.70	.70	.70	1.40	.90	.90	.90
430	Head.....	.70	.70	.70	.70	.70	.70	.70	.70	.70	.70	.70	.70	.90
432	Quill.....	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80	.80

No.	Name of Part	945	946	955	956	965	965N	966	975	975N
401	Screw End.....	$0.50	$0.40	$0.50	$0.40	$0.50	$0.50	$0.40	$0.50	$0.50
402	Plug Screw.....	....	....	....	....	....	....	....	....	....
404	Shell.....	.70	.70	.60	.60	.60	.70	.60	.60	.70
410	Pawls (Pair).....	.40	....	.30	....	.30	.30	....	.30	.30
412	Pawl Spring.....	.10	....	.10	....	.10	.10	....	....	....
416	Jaws.....	.70	.70	.40	.40	.40	.40	.40	.40	.40
430	Head.....	.30	.30	.30	.30	.30	.30	.30	.30	.30
432	Quill.....	.40	.40	.30	.30	.30	.40	.30	.30	.40

Repair Parts for Stanley Breast Drills



All parts listed can be readily put into the Breast Drill by the user. Other parts can be supplied if required but should any piece be wanted that is not shown, it is better that the Drill be returned to the factory for repairs.

Some parts shown above have the same name but differ in design for the different Breast Drills. These you will find listed by the same number in the price list below. *In ordering, be sure to specify number and name of part and number of Drill.*

Part No.	Breast Drill	741	742	743	744
440	Chuck Assembly Complete	$2.50	$2.50	$2.70	$2.50
441	Large Gear with Stud	3.00	3.00	2.00	2.00
442	Small Gear	.80	.80	.80	.80
443	Crank & Crank Handle	.60	.60	.60	.60
444	Crank Screw	. .	.20	. .	.20
445	Jaws & Jaw Spring	.70	.70	.85	.75
445½	Jaw Springs (Set)	.10	.10	.10	.10
446	Breast Plate & Set Screw	.60	.60	.60	.60
447	Lock Plate and Screws	.30	.30	.30	.30
448	Clamp Screw	.10	. .	.10	. .
449	Side Handle	.40	.40	.40	.40
450	Level Glass with Screws	.40	.40	.40	.40

Repair Parts for Stanley Hand Drills

All parts listed can be readily put into the Hand Drill by the user. Other parts can be supplied if required, but should any piece be wanted that is not shown, it is better that the Drill be returned to the factory for repairs.

Some parts shown above have the same name but differ in design for the different Hand Drills. These you will find listed by the same number in the price list below. *In ordering, be sure to specify number and name of part and number of Drill.*

Part No.	Hand Drill	617	620	624	626	1617	1626
460	Chuck Assembly Complete	$1.80	$0.80	$2.00	$2.00	$1.80	$2.00
461	Jaws and Jaw Springs	..	.40	..	.40	.40	.40
461½	Jaw Springs only	..	.10	..	.10	.10	.10
461A	Jaws, Spring and Disc	.40	..	..	..	..	..
461½A	Springs and Disc only	.20	..	..	..	..	..
461B	Jaws and Jaw Springs	.40	..	.40	.40	.40	.40
461½B	Jaw Springs only	.10	..	.10	.10	.10	.10
462	Large Gear	1.60	1.00	1.00	1.00	1.60	1.00
463	Pinion Gear—Rear	.30	.30	.30	.30	.30	.30
464	Crank and Crank Handle	.30	.30	.30	.30	.30	.30
465	Crank Screw	.10	.10	.10	.10	.10	.10
466	Side Knob	.30	.20	.30	.30	.30	.30
467	Handle	.50	.50	.70	.50	.60	.60
468	Handle Cap	..	.40	.50	..	.50	.40
469	Set of Drill Points	.40	.40	.40	.40	.40	.40

The Metric System

WEIGHTS

Metric Denominations and Values			Equivalents in Denominations in use.				
Names		No. Grams		Quantity of water at maximum density		Avoirdupois Weight	
Millier or tonneau	=	1,000,000	=	1 cubic meter	=	2204.6	pounds
Quintal	=	100,000	=	1 hectoliter	=	220.46	pounds
Myriagram	=	10,000	=	10 liters	=	22.046	pounds
Kilogram or kilo	=	1,000	=	1 liter	=	2.2046	pounds
Hectogram	=	100	=	1 deciliter	=	3.5274	ounces
Dekagram	=	10	=	10 c. centimeters	=	0.3527	ounce
Gram	=	1	=	1 c. centimeter	=	15.432	grains
Decigram	=	.1	=	.1 c. centimeter	=	1.5432	grains
Centigram	=	.01	=	10 c. millimeters	=	0.1543	grain
Milligram	=	.001	=	1 c. millimeter	=	0.0154	grain

MEASURES OF LENGTH

Metric Denominations and Values				Equivalents of Denominations in use
Myriameter	=	10,000 meters	=	6.2137 miles
Kilometer	=	1,000 meters	=	0.62137 mile, or 3,280 feet 10 inches
Hectometer	=	100 meters	=	328 feet and 1 inch
Dekameter	=	10 meters	=	393.7 inches
Meter	=	1 meter	=	39.37 inches
Decimeter	=	.1 meter	=	3.937 inches
Centimeter	=	.01 meter	=	0.3937 inch
Millimeter	=	.001 meter	=	0.0394 inch

MEASURES OF SURFACE

Metric Denominations and Values				Equivalents in Denominations in use
Hectare	=	10,000 square meters	=	2.471 acres
Are	=	100 square meters	=	119.6 square yards
Centare	=	1 square meter	=	1550 square inches

MEASURES OF CAPACITY

Metric Denominations and Values					Equivalents in Denominations in use			
Names		No. Liters		Cubic Measure		Dry Measure		Wine Measure
Kiloliter	=	1,000	=	1 cubic meter	=	1.308 cubic yards	=	264.17 gallons
Hectoliter	=	100	=	.1 cubic meter	=	2 bush. 3.35 pecks	=	26.417 gallons
Decaliter	=	10	=	10 c. decimeters	=	9.08 quarts	=	2.6417 gallons
Liter	=	1	=	1 c. decimeter	=	0.908 quart	=	1.0567 quarts
Deciliter	=	.1	=	.1 c. decimeter	=	6.1022 cubic inches	=	0.845 gill
Centiliter	=	.01	=	10 c. centimeters	=	0.6102 cubic inch	=	0.338 fluid oz.
Milliliter	=	.001	=	1 c. centimeter	=	0.061 cubic inch	=	0.27 fluid dr.

United States and Metric Constants

LONG MEASURE

Millimeters	×	.03937	=	inches
Millimeters	÷	25.4	=	inches
Centimeters	×	.3937	=	inches
Centimeters	÷	2.54	=	inches
Meters	=	39.37	=	inches (Act of Congress)
Meters	×	3.281	=	feet
Meters	×	1.094	=	yards
Kilometers	×	.621	=	miles
Kilometers	÷	3280.7	=	feet
Kilometers	÷	1.6093	=	miles

SQUARE MEASURE

Square millimeters	×	.0015	=	square inches
Square millimeters	÷	645.1	=	square inches
Square centimeters	×	.155	=	square inches
Square centimeters	÷	6.451	=	square inches
Square meters	×	10.764	=	square feet
Square kilometers	×	247.1	=	acres
Hectares	×	2.471	=	acres

CUBIC MEASURE

Cubic centimeters	÷	16.383	=	cubic inches
Cubic centimeters	÷	3.69	=	fluid drachms (U. S. P.)
Cubic centimeters	÷	29.57	=	fluid ounce (U. S. P.)
Cubic meters	×	35.315	=	cubic feet
Cubic meters	×	1.308	=	cubic yards
Cubic meters	×	264.2	=	gallons (231 cubic inches)

LIQUID MEASURE

Liters	×	61.022	=	cubic inches (Act of Congress)
Liters	×	33.84	=	fluid ounces (U. S. Phar.)
Liters	×	.2642	=	gallons (231 cubic inches)
Liters	÷	3.78	=	gallons (231 cubic inches)
Liters	÷	28.316	=	cubic feet
Hectoliters	×	3.531	=	cubic feet
Hectoliters	×	2.84	=	bushels (2150.42 cubic inches)
Hectoliters	×	.131	=	cubic yards
Hectoliters	÷	26.42	=	gallons (231 cubic inches)

WEIGHTS

Grammes	×	15.432	=	grains (Act of Congress)
Grammes	×	981.	=	dynes
Grammes (water)	÷	29.57	=	fluid ounces
Grammes	÷	28.35	=	ounces avoirdupois
Grammes per cubic centimeter	÷	27.7	=	pounds per cubic inch
Joule	×	.7373	=	foot pounds
Kilograms	×	2.2046	=	pounds
Kilograms	×	35.3	=	ounces avoirdupois
Kilograms	÷	1102.3	=	tons (2,000 pounds)
Kilograms	×	per square centimeter 14.223	=	pounds per square inch.

U. S. Weights and Measures

LONG MEASURE (Measures of Length)

Ins.		Feet		Yards		Fathoms		Rods		Furlongs		Mile
12	=	1										
36	=	3	=	1								
72	=	6	=	2	=	1						
198	=	16½	=	5½	=	2¾	=	1				
7920	=	660	=	220	=	110	=	40	=	1		
63360	=	5280	=	1760	=	880	=	320	=	8	=	1

6080.26 Feet = 1.15 Statute Miles = 1 Nautical Mile or Knot.

SQUARE MEASURE (Measures of Surface)

Sq. Ins.		Sq. Feet		Sq. Yards		Sq. Rods		Roods		Acre
144	=	1								
1296	=	9	=	1						
39204	=	272¼	=	30¼	=	1				
1568160	=	10890	=	1210	=	40	=	1		
6272640	=	43560	=	4840	=	160	=	4	=	1

640 Acres = 1 Square Mile.

An Acre = a square whose side is 69.57 Yards or 208.71 Feet.

CUBIC MEASURE (Measures of Volume)

Cu. Ins.		Cu. Feet		Cu. Yards
1728	=	1		
46656	=	27	=	1

A Cord of Wood = 128 Cubic Feet, being 4 feet × 4 feet × 8 feet.

42 Cubic Feet = a Ton of Shipping

1 Perch of Masonry = 24¾ Cubic Feet, being 16½ feet × 1½ feet × 1 foot.

LIQUID OR WINE MEASURE

The U. S. Standard Gallon measures 231 Cubic Inches, or 8.33888 Pounds avoirdupois of pure water, at about 39.85 degrees Fahr., the Barometer at 30 inches.

Gills		Pints		Quarts		Gallons		Tierces		Hogs-heads		Punch-eons		Pipes		Tun		Cubic Inches
4	=	1	=															28.875
8	=	2	=	1	=													57.75
32	=	8	=	4	=	1	=											231.
1344	=	336	=	168	=	42	=	1										
2016	=	504	=	252	=	63	=	1½	=	1								
2488	=	672	=	336	=	84	=	2	=	1¼	=	1						
4032	=	1008	=	504	=	126	=	3	=	2	=	1½	=	1				
8064	=	2016	=	1008	=	252	=	6	=	4	=	3	=	2	=	1		

A Cubic Foot contains 7½ Gallons.

The British Imperial Gallon contains 277.27 Cubic inches and = 1.2 U. S. Gallons.

U. S. Weights and Measures

DRY MEASURE

The Standard Bushel contains 2150.42 Cubic Inches, or 77.627013 Pounds Avoirdupois of pure water at maximum density. Its legal dimensions are 18½ Inches diameter inside, 19½ Inches outside, and 8 Inches deep; and when heaped, the cone must be 6 Inches high, making a heaped Bushel equal to 1¼ struck ones.

Pints		Quarts		Gallons		Pecks		Bushels		Cubic Inches
2	=	1	=							67.2
8	=	4	=	1	=					268.8
16	=	8	=	2	=	1	=			537.6
64	=	32	=	8	=	4	=	1	=	2150.42

The British Imperial Bushel contains 2218.2 Cubic Inches and = 1.03 U. S. Bushels.

AVOIRDUPOIS OR COMMERCIAL WEIGHT

The Grain is the same in Troy, Apothecaries and Avoirdupois Weights.

The Standard Avoirdupois Pound is the weight of 27.7015 Cubic Inches of distilled water weighed in the air at 35.85 degrees Fahr., Barometer at 30 Inches. 27.343 Grains = 1 Drachm.

Drachms		Ounces		Lbs.		Long Qrs.		Long Cwt.		Long Ton
16	=	1								
256	=	16	=	1						
7168	=	448	=	28	=	1				
28672	=	1792	=	112	=	4	=	1		
573440	=	35840	=	2240	=	80	=	20	=	1

The above Table gives what is known as the Long Ton. The Short Ton weighs 2000 Pounds.

BRICKWORK

Brickwork is estimated by the thousand, and of various thicknesses of wall, runs as follows:

8¼ inch Wall, or 1 Brick in thickness, 14 Bricks per superficial foot
12¾ inch Wall, or 1½ Brick in thickness, 21 Bricks per superficial foot
17 inch Wall, or 2 Brick in thickness, 28 Bricks per superficial foot
21½ inch Wall, or 2½ Brick in thickness, 35 Bricks per superficial foot

An ordinary Brick measures about 8¼ x 4 x 2 inches, which is equal to 66 cubic inches or 26.2 Bricks to a cubic foot. The average weight is 4½ lbs.

FLOORING AND SIDING

In estimating matched flooring, a square foot of ⅞ inch stuff is considered to be one foot Board Measure.

If the flooring is 3 inches or more in width, add ¼ to assumed Board Measure to allow for the forming of tongue and groove; for less than 3 inches in width, add ⅓.

A square foot of 1⅛ inch finished flooring is considered to be 1¼ feet Board Measure.

To calculate the Board Measure of same, figure as if 1 inch thick and add 60 per cent. to cover extra thickness and waste in tonguing, grooving, etc.

Siding is measured by superficial foot.

6 inch Siding nominal width actually measures 5⅝ inches.

Information on Lumber

CONTENTS (BOARD MEASURE)

OF ONE LINEAL FOOT OF TIMBER

Width in Inches	THICKNESS IN INCHES												
	1	2	3	4	5	6	7	8	9	10	11	12	13
18	1.5	3.	4.5	6.	7.5	9.	10.5	12.	13.5	15.	16.5	18	19.5
17	1.42	2.83	4.25	5.66	7.08	8.5	9.92	11.33	12.75	14.17	15.58	17	18.42
16	1.33	2.67	4.	5.33	6.67	8.	9.33	10.67	12.	13.33	14.67	16	17.33
15	1.25	2.5	3.75	5.	6.25	7.5	8.75	10.	11.25	12.5	13.75	15	16.25
14	1.17	2.33	3.5	4.67	5.83	7.	8.17	9.33	10.5	11.67	12.83	14	15.17
13	1.09	2.17	3.25	4.33	5.42	6.5	7.58	8.67	9.75	10.83	11.92	13	14.08
12	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12	
11	.92	1.83	2.75	3.67	4.58	5.5	6.42	7.33	8.25	9.17	10.08		
10	.84	1.67	2.5	3.33	4.17	5.	5.83	6.67	7.5	8.33			
9	.75	1.5	2.25	3.	3.75	4.5	5.25	6.	6.75				
8	.67	1.33	2.	2.67	3.33	4.	4.67	5.33					
7	.59	1.17	1.75	2.33	2.92	3.5	4.08						
6	.50	1.	1.5	2.	2.5	3.							
5	.42	.83	1.25	1.67	2.08								
4	.34	.67	1.	1.33									
3	.25	.5	.75										
2	.17	.33											

To ascertain contents of a piece of timber, find in the table the contents of one foot and multiply by the length, in feet, of the piece.

EXAMPLE: What is the contents (Board Measure) of a piece of timber 10 in. x 7 in., 20 ft. long.

ANSWER: 5.83 x 20 = 116.6 feet Board Measure.

PROPERTIES OF TIMBER

*ALLOWABLE WORKING STRESSES FOR DRY TIMBER COMMON GRADE

(Compiled from data in Technical Bulletin No. 158 published by U. S. Forest Products Laboratory)

Commercial Name of Specie	Weight lbs. per cu. ft. (Dry)	Fibre Stress in Bending (lbs. per sq. in.)	Compression Perpendicular to grain (lbs. per sq. in.)	Compression Parallel to grain (lbs. per sq. in.)
Ash, black	34	800	300	520
Ash, white	42	1,120	500	880
Beech	48	1,200	500	960
Cedar, white	28	600	175	440
Cedar, red	23	720	200	560
Chestnut	30	760	300	640
Cypress	32	1,040	350	880
Elm Rock	44	1,200	500	960
Fir Douglas (dense)	34	1,400	379	1,027
Fir Balsam	26	720	150	560
Hemlock	33	880	300	560
Hickory	50	1,520	600	1,200
Maple, hard	44	1,200	500	960
Maple, soft	38	800	350	640
Oak, red and white	50	1,120	500	800
Pine, white	25	720	250	600
Pine Southern Yellow (dense)	38	1,400	379	1,027
Redwood	30	960	250	800
Spruce, Eastern	28	880	250	640

*For timbers occasionally wet or continuously wet lower stresses must be used.

Information on Cut Nails

THE TERM "PENNY" AS APPLIED TO NAILS

The origin of the terms "six-penny," "ten-penny," etc., as applied to nails, though not commonly known, is involved in no mystery whatever. Nails have been made a certain number of pounds to the thousand for many years and are still reckoned in that way in England, a ten-penny being a thousand nails to ten pounds, a six-penny a thousand nails to six pounds, a twenty-penny weighing twenty pounds to the thousand; and, in ordering, buyers call for the three-pound, six-pound, or ten-pound variety, etc., until by the Englishmen's abbreviation of "pun" for "pound," the abbreviation has been made to stand for penny, instead of pound, as originally intended.

LENGTH AND NUMBER OF CUT NAILS TO THE POUND

SIZE	Length	Common	Clinch	Fence	Finishing	Fine	Barrel	Casing	Brads	Tobacco	Cut Spikes
¾	¾ in.						800				
⅞	⅞						500				
2d	1	800			1100	1000	376				
3d	1¼	480			720	760	224				
4d	1½	288			523	368	180	398			
5d	1¾	200			410					130	
6d	2	168	96	84	268			224	126	96	
7d	2¼	124	74	64	188				98	82	
8d	2½	88	62	48	146			128	75	68	
9d	2¾	70	53	36	130			110	65		
10d	3	58	46	30	102			91	55		28
12d	3¼	44	42	24	76			71	40		
16d	3½	34	38	20	62			54	27		22
20d	4	23	33	16	54			40			14½
30d	4½	18	20					33			12½
40d	5	14						27			9½
50d	5½	10									8
60d	6	8									6
	6½										5½
	7										4½
	8										2½

TABLE FOR ESTIMATING QUANTITY OF NAILS

Material	Size of Nail	Lbs. Required
1000 Shingles	4d	5
1000 Laths	3d	7
1000 Square Feet Beveled Siding	6d	18
1000 " " Sheathing	8d	20
1000 " " "	10d	25
1000 " " Flooring	8d	30
1000 " " "	10d	40
1000 " " Studding	10d	15
1000 " " Furring 1 x 2 in.	10d	10
1000 " " Finished Flooring, ⅞ in.	8d to 10d Fin.	20
1000 " " " " 1⅛ in.	10d Fin.	30

Information on Shingles

CEDAR SHINGLES

Shingles are usually made with random width and in three standard lengths—16 inch, 18 inch and 24 inch.

The standard unit of packing is the square. 16-inch shingles are packed 4 bunches to the square which when exposed 5 inches to the weather will cover 100 square feet; 18-inch shingles are packed 4 bunches to the square, which when exposed 5½ inches to the weather will cover 100 square feet; 24-inch shingles are packed 3 bunches to the square which when exposed 10 inches to the weather will cover 100 square feet.

This table gives the approximate number of square feet covered by one square of each size of the Shingles when exposed to the weather in different proportions.

Exposure to Weather	16 Inch Random Square Feet Per Square	18 Inch Random Square Feet Per Square	24 Inch Random Square Feet Per Square
4 inch	80	...	..
4½ inch	90	...	..
5 inch	100	92	..
5½ inch	110	100	..
6 inch	120	111	..
6½ inch	130	120	..
7 inch	140	129	70
7½ inch	150	138	75
8 inch	...	148	80
8½ inch	...	...	85
9 inch	...	...	90
9½ inch	...	...	95
10 inch	...	...	100
10½ inch	...	...	105
11 inch	...	...	110

ASBESTOS SHINGLES

Type of Shingle	Weight per Sq. Applied (Lbs.)	No. of Shingles per Sq.	Galv. Nails per Sq. (Lbs.)	No. of Storm Nails Req. per Sq.	Surface Exposed (In.)
Hexagonal, 12 x 12 x ⅛ inch.....	320	160	1½	160	9½ x 9½
Hexagonal, 16 x 16 x ⅛ inch.....	300	87	1	87	13 x 13
American Method 9 x 18 x ¼ inch..	680	204	2	None	8 x 9

NOTE: With Hexagonal Shingles, Ridge Roll is required. Figure 93 sections of Ridge Roll for every one hundred feet of Ridge or Hips. For American Method Shingles, Boston Hip or Ridge is required. Figure 1½ squares of shingles for every one hundred lineal feet covered.

Handy Information on Roofing

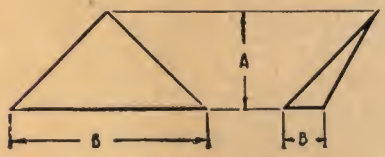
HOW TO FIGURE APPROXIMATE ROOF AREAS

The approximate area of the roof of any building may be readily determined by the following method: Compute the area of the building from outside to outside of the walls, measured along the line of the plate at the eaves. Add to this the flat area of all cornice projections. To this total, add the following percentages which vary according to the pitch of the roof:

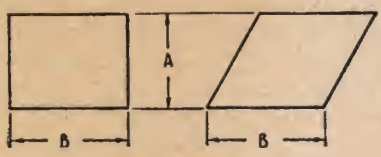
¼ pitch— 6 inches to the foot—12 per cent.
⅓ pitch— 8 inches to the foot—20 per cent.
⅜ pitch— 9 inches to the foot—25 per cent.
½ pitch—12 inches to the foot—41 per cent.
⅝ pitch—15 inches to the foot—60 per cent,
¾ pitch—18 inches to the foot—80 per cent.

If there are any flat decks to be deducted, compute the area of such decks, add the same percentage and deduct the result from the total.

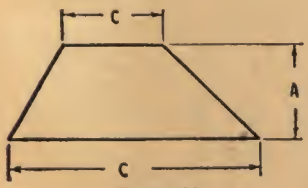
HANDY FACTS TO CALCULATE AREA OF ROOF SURFACES



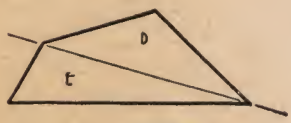
Triangles
B = Base A = Altitude



Parallelograms
B = Base A = Altitude



Trapezoid
A = Altitude C = Parallel Sides



Trapezium
D, E } Two triangles

Area of a triangle = base x ½ altitude.
Area of a parallelogram = base x altitude.
Area of a trapezoid = altitude x ½ the sum of the parallel sides.
Area of a trapezium—divide the two triangles, and find the area of the triangles.
Circumference of circle = diameter x 3.1416.
Diameter of circle = circumference ÷ 3.1416.
Area of circle = diameter² x .7854.

ESTIMATING PAINT AND VARNISH REQUIREMENTS

Coating Material	Character of Surface	Surface Covered by 1 Gallon		
		1 Coat	2 Coats	3 Coats
		Sq. Ft.	Sq. Ft.	Sq. Ft.
Oil paint (gloss finish)	Smooth wood	600	325	225
	Rough wood	350	200	135
	Metal	700	340	230
	Plaster	450	250	175
	Hard brick	400	225	160
	Soft brick	350	200	150
	Smooth cement	350	200	150
	Rough cement (stucco)	200	100	...
	Smooth wood or wallboard	500	275	200
Oil paint (flat finish)	Plaster	400	225	160
	Hard brick	350	200	150
	Soft brick	300	175	125
	Smooth cement	300	175	125
	Rough cement (stucco)	150	75	...
Enamel paint	Smooth, painted with undercoats	500	250	...
Exterior spar varnish	Smooth wood	500	275	200
Interior finishing varnish	Smooth wood	450	250	175
Shellac	Smooth wood	600	300	...
Shingle stain*	Rough wood	125	75	...
Asphalt roof paint	Smooth	250	...	...
	Rough	150	...	...
Asphalt-asbestos liquid roof cement	Smooth	100	...	...
Cold-water paint (5 pounds powder)	Smooth	300	...	...
Calcimine (5 pounds powder)	Plaster	400	...	...
Whitewash (4 to 5 pounds hydrated lime)	Wood	250	...	...
	Brick	200	...	...
	Plaster	300	...	...

* 2½ gallons per 1,000 shingles when dipped two-thirds their length.

ESTIMATING WALL PAPER REQUIREMENTS

In this chart the standard size roll of wall paper, 8 yards long and 18 inches wide, was used in computing the estimates.

SINGLE ROLLS OF PAPER						SINGLE ROLLS OF PAPER					
Size of Room	Different Heights of Ceiling			Yds. of Border	Rolls for Ceiling	Size of Room	Different Heights of Ceiling			Yds. of Border	Rolls for Ceiling
	8 Ft.	9 Ft.	10 Ft.				8 Ft.	9 Ft.	10 Ft.		
4 x 8	6	7	8	9	2	16 x 18	17	19	21	25	10
4 x 10	7	8	9	11	2	16 x 20	18	20	22	26	10
4 x 12	8	9	10	12	2	16 x 22	19	21	23	28	11
5 x 10	8	9	10	12	2	16 x 24	20	22	25	29	12
6 x 12	9	10	11	13	3	16 x 26	21	23	26	31	13
8 x 12	10	11	13	15	4	17 x 22	19	22	24	28	12
8 x 14	11	12	14	16	4	17 x 25	21	23	26	31	13
10 x 14	12	14	15	18	5	17 x 28	22	25	28	32	15
10 x 16	13	15	16	19	6	17 x 32	24	27	30	35	17
12 x 16	14	16	17	20	7	17 x 35	26	29	32	37	18
12 x 18	15	17	19	22	8	18 x 22	20	22	25	29	12
14 x 18	16	18	20	23	8	18 x 25	21	24	27	31	14
14 x 22	18	20	22	26	10	18 x 28	23	26	28	33	16
15 x 16	15	17	19	23	8	20 x 26	23	26	28	33	17
15 x 18	16	18	20	24	9	20 x 28	24	27	30	34	18
15 x 20	17	20	22	25	10	20 x 34	27	30	33	39	21
15 x 23	19	21	23	28	11						

Deduct one roll of side wall paper for estimated requirements for every two doors or windows of ordinary dimensions, or for each 50 square feet of opening.

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